CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG No.: BN030724

Instrument ID: BNA_N Calibration Date/Time: 3/7/2024 12: 13:06

Lab File ID: BN030323.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	0.580	0.603		3.966	20.0
Fluoranthene-d10	1.098	1.066		-2.914	20.0
n-Nitrosodimethylamine	0.548	0.468		-14.599	20.0
2-Fluorophenol	1.050	1.026		-2.286	20.0
Phenol-d6	1.105	1.043		-5.611	20.0
bis(2-Chloroethyl)ether	0.876	0.847		-3.311	20.0
Nitrobenzene-d5	0.365	0.342		-6.301	20.0
Naphthalene	1.117	1.170		4.745	20.0
Hexachlorobutadiene	0.255	0.281		10.196	20.0
2-Methylnaphthalene	0.689	0.716		3.919	20.0
2-Fluorobiphenyl	1.661	1.722		3.672	20.0
Acenaphthylene	1.930	1.896		-1.762	20.0
Acenaphthene	1.246	1.277		2.488	20.0
Fluorene	1.499	1.513		0.934	20.0
4,6-Dinitro-2-methylphenol	0.083	0.067		-19.277	20.0
2,4,6-Tribromophenol	0.206	0.180		-12.621	20.0
4-Bromophenyl-phenylether	0.244	0.241		-1.23	20.0
Hexachlorobenzene	0.283	0.301		6.36	20.0
Atrazine	0.217	0.199		-8.295	20.0
Pentachlorophenol	0.147	0.136		-7.483	20.0
Phenanthrene	1.144	1.161		1.486	20.0
Anthracene	1.051	1.005		-4.377	20.0
Fluoranthene	1.393	1.332		-4.379	20.0
Pyrene	1.679	1.792		6.73	20.0
Terphenyl-d14	1.037	1.036		-0.096	20.0
Benzo(a)anthracene	1.402	1.327		-5.35	20.0
Chrysene	1.518	1.678		10.54	20.0
Bis(2-ethylhexyl)phthalate	1.118	1.100		-1.522	20.0
Benzo(b)fluoranthene	1.398	1.394		-0.286	20.0
Benzo(k)fluoranthene	1.420	1.419		-0.07	20.0
Benzo(a)pyrene	1.235	1.283		3.887	20.0
Indeno(1,2,3-cd)pyrene	1.676	1.668		-0.477	20.0
Dibenzo(a,h)anthracene	1.317	1.290		-2.05	20.0
Benzo(g,h,i)perylene	1.519	1.588		4.542	20.0
1,4-Dioxane	0.519	0.478		-7.9	20.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG No.: BN030724

Instrument ID: BNA_N Calibration Date/Time: 3/7/2024 12: 23:56

Lab File ID: BN030340.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	0.580	0.596		2.759	50.0
Fluoranthene-d10	1.098	1.068		-2.732	50.0
n-Nitrosodimethylamine	0.548	0.452		-17.518	50.0
2-Fluorophenol	1.050	1.062		1.143	50.0
Phenol-d6	1.105	1.114		0.814	50.0
bis(2-Chloroethyl)ether	0.876	0.948		8.219	50.0
Nitrobenzene-d5	0.365	0.342		-6.301	50.0
Naphthalene	1.117	1.178		5.461	50.0
Hexachlorobutadiene	0.255	0.263		3.137	50.0
2-Methylnaphthalene	0.689	0.701		1.742	50.0
2-Fluorobiphenyl	1.661	1.760		5.96	50.0
Acenaphthylene	1.930	1.931		0.052	50.0
Acenaphthene	1.246	1.301		4.414	50.0
Fluorene	1.499	1.476		-1.534	50.0
4,6-Dinitro-2-methylphenol	0.083	0.067		-19.277	50.0
2,4,6-Tribromophenol	0.206	0.176		-14.563	50.0
4-Bromophenyl-phenylether	0.244	0.242		-0.82	50.0
Hexachlorobenzene	0.283	0.308		8.834	50.0
Atrazine	0.217	0.198		-8.756	50.0
Pentachlorophenol	0.147	0.117		-20.408	50.0
Phenanthrene	1.144	1.180		3.147	50.0
Anthracene	1.051	1.022		-2.759	50.0
Fluoranthene	1.393	1.352		-2.943	50.0
Pyrene	1.679	1.788		6.492	50.0
Terphenyl-d14	1.037	1.009		-2.7	50.0
Benzo(a)anthracene	1.402	1.359		-3.067	50.0
Chrysene	1.518	1.654		8.959	50.0
Bis(2-ethylhexyl)phthalate	1.118	1.047		-6.267	50.0
Benzo(b)fluoranthene	1.398	1.382		-1.144	50.0
Benzo(k)fluoranthene	1.420	1.425		0.352	50.0
Benzo(a)pyrene	1.235	1.277		3.401	50.0
Indeno(1,2,3-cd)pyrene	1.676	1.689		0.776	50.0
Dibenzo(a,h)anthracene	1.317	1.345		2.126	50.0
Benzo(g,h,i)perylene	1.519	1.581		4.082	50.0
1,4-Dioxane	0.519	0.517		-0.385	50.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG No.: BN030724

Instrument ID: BNA_N Calibration Date/Time: 3/8/2024 12: 02:20

Lab File ID: BN030342.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	0.580	0.607		4.655	20.0
Fluoranthene-d10	1.098	1.058		-3.643	20.0
n-Nitrosodimethylamine	0.548	0.455		-16.971	20.0
2-Fluorophenol	1.050	1.069		1.81	20.0
Phenol-d6	1.105	1.115		0.905	20.0
bis(2-Chloroethyl)ether	0.876	0.900		2.74	20.0
Nitrobenzene-d5	0.365	0.352		-3.562	20.0
Naphthalene	1.117	1.172		4.924	20.0
Hexachlorobutadiene	0.255	0.274		7.451	20.0
2-Methylnaphthalene	0.689	0.706		2.467	20.0
2-Fluorobiphenyl	1.661	1.773		6.743	20.0
Acenaphthylene	1.930	1.930		0.0	20.0
Acenaphthene	1.246	1.287		3.291	20.0
Fluorene	1.499	1.502		0.2	20.0
4,6-Dinitro-2-methylphenol	0.083	0.064		-22.892	20.0
2,4,6-Tribromophenol	0.206	0.172		-16.505	20.0
4-Bromophenyl-phenylether	0.244	0.255		4.508	20.0
Hexachlorobenzene	0.283	0.313		10.601	20.0
Atrazine	0.217	0.205		-5.53	20.0
Pentachlorophenol	0.147	0.123		-16.327	20.0
Phenanthrene	1.144	1.186		3.671	20.0
Anthracene	1.051	1.025		-2.474	20.0
Fluoranthene	1.393	1.363		-2.154	20.0
Pyrene	1.679	1.782		6.135	20.0
Terphenyl-d14	1.037	1.021		-1.543	20.0
Benzo(a)anthracene	1.402	1.365		-2.639	20.0
Chrysene	1.518	1.642		8.169	20.0
Bis(2-ethylhexyl)phthalate	1.118	1.124		0.627	20.0
Benzo(b)fluoranthene	1.398	1.405		0.501	20.0
Benzo(k)fluoranthene	1.420	1.491		5.0	20.0
Benzo(a)pyrene	1.235	1.285		4.049	20.0
Indeno(1,2,3-cd)pyrene	1.676	1.717		2.446	20.0
Dibenzo(a,h)anthracene	1.317	1.381		4.86	20.0
Benzo(g,h,i)perylene	1.519	1.633		7.505	20.0
1,4-Dioxane	0.519	0.531		2.312	20.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG No.: BN030724

Instrument ID: BNA_N Calibration Date/Time: 3/8/2024 12: 06:29

Lab File ID: BN030347.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	0.580	0.600		3.448	50.0
Fluoranthene-d10	1.098	1.116		1.639	50.0
n-Nitrosodimethylamine	0.548	0.467		-14.781	50.0
2-Fluorophenol	1.050	1.030		-1.905	50.0
Phenol-d6	1.105	1.071		-3.077	50.0
bis(2-Chloroethyl)ether	0.876	0.861		-1.712	50.0
Nitrobenzene-d5	0.365	0.326		-10.685	50.0
Naphthalene	1.117	1.163		4.118	50.0
Hexachlorobutadiene	0.255	0.272		6.667	50.0
2-Methylnaphthalene	0.689	0.693		0.581	50.0
2-Fluorobiphenyl	1.661	1.733		4.335	50.0
Acenaphthylene	1.930	1.933		0.155	50.0
Acenaphthene	1.246	1.296		4.013	50.0
Fluorene	1.499	1.496		-0.2	50.0
4,6-Dinitro-2-methylphenol	0.083	0.070		-15.663	50.0
2,4,6-Tribromophenol	0.206	0.188		-8.738	50.0
4-Bromophenyl-phenylether	0.244	0.249		2.049	50.0
Hexachlorobenzene	0.283	0.311		9.894	50.0
Atrazine	0.217	0.201		-7.373	50.0
Pentachlorophenol	0.147	0.120		-18.367	50.0
Phenanthrene	1.144	1.188		3.846	50.0
Anthracene	1.051	1.040		-1.047	50.0
Fluoranthene	1.393	1.429		2.584	50.0
Pyrene	1.679	1.708		1.727	50.0
Terphenyl-d14	1.037	0.981		-5.4	50.0
Benzo(a)anthracene	1.402	1.362		-2.853	50.0
Chrysene	1.518	1.645		8.366	50.0
Bis(2-ethylhexyl)phthalate	1.118	1.006		-9.937	50.0
Benzo(b)fluoranthene	1.398	1.384		-1.001	50.0
Benzo(k)fluoranthene	1.420	1.471		3.592	50.0
Benzo(a)pyrene	1.235	1.264		2.348	50.0
Indeno(1,2,3-cd)pyrene	1.676	1.706		1.79	50.0
Dibenzo(a,h)anthracene	1.317	1.374		4.328	50.0
Benzo(g,h,i)perylene	1.519	1.577		3.818	50.0
1,4-Dioxane	0.519	0.468		-9.827	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	PB159312BL			SDG No.:	BN030724
Lab Sample ID:	PB159312BL			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
BN030324.D	1	2/27/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159312

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	0.02	U	0.02	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	0.02	U	0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	U	0.02	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	0.41	U	0.41	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	0.07	U	0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.02	U	0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.02	U	0.02	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	0.06	U	0.06	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	0.03	U	0.03	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	0.02	U	0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.08	U	0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	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	0.04	U	0.04	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	0.03	U	0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.06	U	0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.288		30-150		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.289		30-150		72	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	PB159312BL			SDG No.:	BN030724
Lab Sample ID:	PB159312BL			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
BN030324.D	1	2/27/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.277		10-92		69	SPK: -0.4
13127-88-3	Phenol-d6	0.234		10-100		58	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.267		11-175		67	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.271		10-175		68	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.167		24-148		42	SPK: -0.4
1718-51-0	Terphenyl-d14	0.31		54-171		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2188	7.804				
1146-65-2	Naphthalene-d8	5340	10.605				
15067-26-2	Acenaphthene-d10	2731	14.458				
1517-22-2	Phenanthrene-d10	4632	17.231				
1719-03-5	Chrysene-d12	3391	21.447				
1520-96-3	Perylene-d12	3980	23.803				

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Report of Analysis

Client:			Date Collected:	2/27/2024 12:00:00 AM	
Project:			Date Received:	2/27/2024 12:00:00 AM	
Client Sample ID:	PB159312BS		SDG No.:	BN030724	
Lab Sample ID:	PB159312BS		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
BN030325.D	1	2/27/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.26		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.3		0.02	0.1	0.1	ug/L
91-20-3	Naphthalene	0.3		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.3		0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.3		0.02	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.32		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.29		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	4.77		0.41	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	0.24		0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.31		0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.31		0.02	0.1	0.1	ug/L
1912-24-9	Atrazine	0.29		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.23		0.06	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.31		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.3		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.25		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.34		0.03	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.29		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.31		0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.3		0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.28		0.02	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.28		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.29		0.04	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.31		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.31		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.31		0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.29		0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.427		30-150		107	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.257		30-150		64	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	PB159312BS			SDG No.:	BN030724
Lab Sample ID:	PB159312BS			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
BN030325.D	1	2/27/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.337		10-92		84	SPK: -0.4
13127-88-3	Phenol-d6	0.357		10-100		89	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.297		11-175		74	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.334		10-175		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.315		24-148		79	SPK: -0.4
1718-51-0	Terphenyl-d14	0.338		54-171		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2626	7.804				
1146-65-2	Naphthalene-d8	7029	10.594				
15067-26-2	Acenaphthene-d10	3524	14.458				
1517-22-2	Phenanthrene-d10	6573	17.218				
1719-03-5	Chrysene-d12	4212	21.438				
1520-96-3	Perylene-d12	4870	23.797				

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Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	PB159312BSD			SDG No.:	BN030724
Lab Sample ID:	PB159312BSD			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
BN030326.D	1	2/27/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.27		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.32		0.02	0.1	0.1	ug/L
91-20-3	Naphthalene	0.32		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.32		0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.02	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.33		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.32		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.02		0.41	0.1	1.6	ug/L
86-73-7	Fluorene	0.29		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.24		0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.33		0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.33		0.02	0.1	0.1	ug/L
1912-24-9	Atrazine	0.31		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.24		0.06	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.33		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.31		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.27		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.34		0.03	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.32		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.3		0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.29		0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.29		0.02	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.3		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.31		0.04	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.33		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	0.33		0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.3		0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.455		30-150		114	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.276		30-150		69	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	PB159312BSD			SDG No.:	BN030724
Lab Sample ID:	PB159312BSD			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
BN030326.D	1	2/27/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.369		10-92		92	SPK: -0.4
13127-88-3	Phenol-d6	0.374		10-100		94	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.305		11-175		76	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.355		10-175		89	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.309		24-148		77	SPK: -0.4
1718-51-0	Terphenyl-d14	0.338		54-171		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2527	7.804				
1146-65-2	Naphthalene-d8	6750	10.594				
15067-26-2	Acenaphthene-d10	3325	14.458				
1517-22-2	Phenanthrene-d10	6064	17.218				
1719-03-5	Chrysene-d12	4102	21.438				
1520-96-3	Perylene-d12	4808	23.797				

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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	RE134D2-20240226	SDG No.:	BN030724
Lab Sample ID:	P1615-05	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
BN030327.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

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	0.02	U	0.02	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	0.02	U	0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	U	0.02	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	0.41	U	0.41	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	0.07	U	0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.02	U	0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.02	U	0.02	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	0.06	U	0.06	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	0.03	U	0.03	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	0.02	U	0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.08	U	0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	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	0.04	U	0.04	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	0.03	U	0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	5.1	E	0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.295		30-150		74	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.353		30-150		88	SPK: -0.4

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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	RE134D2-20240226	SDG No.:	BN030724
Lab Sample ID:	P1615-05	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
BN030327.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.1		10-92		25	SPK: -0.4
13127-88-3	Phenol-d6	0.044		10-100		11	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.238		11-175		60	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.292		10-175		73	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.248		24-148		62	SPK: -0.4
1718-51-0	Terphenyl-d14	0.351		54-171		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2006	7.804				
1146-65-2	Naphthalene-d8	5169	10.605				
15067-26-2	Acenaphthene-d10	2732	14.458				
1517-22-2	Phenanthrene-d10	5309	17.218				
1719-03-5	Chrysene-d12	4593	21.438				
1520-96-3	Perylene-d12	5053	23.8				

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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	RE114D1-20240226	SDG No.:	BN030724
Lab Sample ID:	P1615-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030328.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.05	J	0.02	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	0.02	U	0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	U	0.02	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	0.41	U	0.41	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	0.07	U	0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.02	U	0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.02	U	0.02	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	0.06	U	0.06	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	0.03	U	0.03	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	0.02	U	0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.08	U	0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	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	0.04	U	0.04	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	0.03	U	0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	2.8		0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.284		30-150		71	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.328		30-150		82	SPK: -0.4

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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	RE114D1-20240226	SDG No.:	BN030724
Lab Sample ID:	P1615-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030328.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.091		10-92		23	SPK: -0.4
13127-88-3	Phenol-d6	0.042		10-100		10	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.239		11-175		60	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.278		10-175		69	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.231		24-148		58	SPK: -0.4
1718-51-0	Terphenyl-d14	0.326		54-171		81	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1871	7.804				
1146-65-2	Naphthalene-d8	4777	10.605				
15067-26-2	Acenaphthene-d10	2568	14.458				
1517-22-2	Phenanthrene-d10	5042	17.218				
1719-03-5	Chrysene-d12	4332	21.438				
1520-96-3	Perylene-d12	4799	23.797				

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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	RE125D3-20240226	SDG No.:	BN030724
Lab Sample ID:	P1615-10	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
BN030329.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

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	0.02	U	0.02	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	0.02	U	0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	U	0.02	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	0.41	U	0.41	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	0.07	U	0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.02	U	0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.02	U	0.02	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	0.06	U	0.06	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	0.03	U	0.03	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	0.02	U	0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.08	U	0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	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	0.04	U	0.04	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	0.03	U	0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	1.6		0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.288		30-150		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.338		30-150		84	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/26/2024 12:00:00 AM
Project:				Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	RE125D3-20240226			SDG No.:	BN030724
Lab Sample ID:	P1615-10			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
BN030329.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.091		10-92		23	SPK: -0.4
13127-88-3	Phenol-d6	0.039		10-100		10	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.237		11-175		59	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.288		10-175		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.251		24-148		63	SPK: -0.4
1718-51-0	Terphenyl-d14	0.44		54-171		110	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1752	7.804				
1146-65-2	Naphthalene-d8	4719	10.594				
15067-26-2	Acenaphthene-d10	2578	14.457				
1517-22-2	Phenanthrene-d10	5077	17.218				
1719-03-5	Chrysene-d12	3759	21.438				
1520-96-3	Perylene-d12	3993	23.797				

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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	GM38-RW3-MW1-20240226	SDG No.:	BN030724
Lab Sample ID:	P1615-11	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
BN030330.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

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	0.02	U	0.02	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	0.02	U	0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	U	0.02	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	0.41	U	0.41	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	0.07	U	0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.02	U	0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.02	U	0.02	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	0.06	U	0.06	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	0.03	U	0.03	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	0.02	U	0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.1	J	0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	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	0.04	U	0.04	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	0.03	U	0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	1		0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.319		30-150		80	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.352		30-150		88	SPK: -0.4

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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	GM38-RW3-MW1-20240226	SDG No.:	BN030724
Lab Sample ID:	P1615-11	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
BN030330.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.092		10-92		23	SPK: -0.4
13127-88-3	Phenol-d6	0.041		10-100		10	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.236		11-175		59	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.317		10-175		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.286		24-148		72	SPK: -0.4
1718-51-0	Terphenyl-d14	0.379		54-171		95	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1869	7.804				
1146-65-2	Naphthalene-d8	5173	10.594				
15067-26-2	Acenaphthene-d10	2770	14.458				
1517-22-2	Phenanthrene-d10	5459	17.218				
1719-03-5	Chrysene-d12	4368	21.438				
1520-96-3	Perylene-d12	4897	23.797				

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Report of Analysis

Client:		Date Collected:	2/27/2024 12:00:00 AM
Project:		Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	TT174I1-20240227	SDG No.:	BN030724
Lab Sample ID:	P1615-12	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
BN030331.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

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	0.02	U	0.02	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	0.02	U	0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	U	0.02	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	0.41	U	0.41	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	0.07	U	0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.02	U	0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.02	U	0.02	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	0.06	U	0.06	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	0.03	U	0.03	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.02	U	0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.08	U	0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	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	0.04	U	0.04	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	0.03	U	0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.54		0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.249		30-150		62	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.304		30-150		76	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	TT174I1-20240227			SDG No.:	BN030724
Lab Sample ID:	P1615-12			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
BN030331.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.102		10-92		25	SPK: -0.4
13127-88-3	Phenol-d6	0.048		10-100		12	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.228		11-175		57	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.269		10-175		67	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.227		24-148		57	SPK: -0.4
1718-51-0	Terphenyl-d14	0.337		54-171		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2479	7.804				
1146-65-2	Naphthalene-d8	6231	10.605				
15067-26-2	Acenaphthene-d10	3135	14.458				
1517-22-2	Phenanthrene-d10	6314	17.218				
1719-03-5	Chrysene-d12	5537	21.438				
1520-96-3	Perylene-d12	6159	23.794				

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Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	DUP08-20240227			SDG No.:	BN030724
Lab Sample ID:	P1615-13			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
BN030332.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

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	0.02	U	0.02	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	0.02	U	0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	U	0.02	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	0.41	U	0.41	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	0.07	U	0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.02	U	0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.02	U	0.02	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	0.06	U	0.06	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	0.03	U	0.03	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	0.02	U	0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.08	U	0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	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	0.04	U	0.04	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	0.03	U	0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.49		0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.222		30-150		56	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.274		30-150		68	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	DUP08-20240227			SDG No.:	BN030724
Lab Sample ID:	P1615-13			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
BN030332.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.073		10-92		18	SPK: -0.4
13127-88-3	Phenol-d6	0.031	*	10-100		8	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.195		11-175		49	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.236		10-175		59	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.186		24-148		47	SPK: -0.4
1718-51-0	Terphenyl-d14	0.354		54-171		88	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2236		7.804			
1146-65-2	Naphthalene-d8	5710		10.605			
15067-26-2	Acenaphthene-d10	3029		14.458			
1517-22-2	Phenanthrene-d10	5649		17.218			
1719-03-5	Chrysene-d12	3971		21.438			
1520-96-3	Perylene-d12	3885		23.797			

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Report of Analysis

Client:		Date Collected:	2/27/2024 12:00:00 AM
Project:		Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	TT101D2-20240227	SDG No.:	BN030724
Lab Sample ID:	P1615-14	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
BN030333.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

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	0.02	U	0.02	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	0.02	U	0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	U	0.02	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	0.41	U	0.41	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	0.07	U	0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.02	U	0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.02	U	0.02	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	0.06	U	0.06	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	0.03	U	0.03	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	0.02	U	0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.08	U	0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	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	0.04	U	0.04	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	0.03	U	0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	3.1		0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.246		30-150		62	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.279		30-150		70	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	TT101D2-20240227			SDG No.:	BN030724
Lab Sample ID:	P1615-14			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
BN030333.D	1	2/28/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159350

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.082		10-92		20	SPK: -0.4
13127-88-3	Phenol-d6	0.034	*	10-100		9	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.228		11-175		57	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.298		10-175		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.212		24-148		53	SPK: -0.4
1718-51-0	Terphenyl-d14	0.343		54-171		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2079	7.804				
1146-65-2	Naphthalene-d8	5344	10.605				
15067-26-2	Acenaphthene-d10	2806	14.458				
1517-22-2	Phenanthrene-d10	5337	17.218				
1719-03-5	Chrysene-d12	4244	21.438				
1520-96-3	Perylene-d12	4701	23.8				

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Report of Analysis

Client:		Date Collected:	2/27/2024 12:00:00 AM
Project:		Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-GW-940-942	SDG No.:	BN030724
Lab Sample ID:	P1660-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	550 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
BN030334.D	1	3/1/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.05	U	0.05	0.36	0.36	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.04	U	0.04	0.18	0.18	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.18	0.18	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.18	0.18	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	0.18	0.18	ug/L
208-96-8	Acenaphthylene	0.03	U	0.03	0.18	0.18	ug/L
83-32-9	Acenaphthene	0.03	U	0.03	0.18	0.18	ug/L
Total PAH	Total PAH	0.72	U	0.72	0.18	2.88	ug/L
86-73-7	Fluorene	0.03	U	0.03	0.18	0.18	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.13	U	0.13	0.36	0.36	ug/L
101-55-3	4-Bromophenyl-phenylether	0.04	U	0.04	0.18	0.18	ug/L
118-74-1	Hexachlorobenzene	0.04	U	0.04	0.18	0.18	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.18	0.18	ug/L
87-86-5	Pentachlorophenol	0.11	U	0.11	0.36	0.36	ug/L
85-01-8	Phenanthrene	0.03	U	0.03	0.18	0.18	ug/L
120-12-7	Anthracene	0.04	U	0.04	0.18	0.18	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.18	0.18	ug/L
129-00-0	Pyrene	0.05	U	0.05	0.18	0.18	ug/L
56-55-3	Benzo(a)anthracene	0.04	U	0.04	0.18	0.18	ug/L
218-01-9	Chrysene	0.04	U	0.04	0.18	0.18	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.17	J	0.15	0.36	0.36	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.18	0.18	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	U	0.05	0.18	0.18	ug/L
50-32-8	Benzo(a)pyrene	0.07	U	0.07	0.18	0.18	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.07	U	0.07	0.18	0.18	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.08	U	0.08	0.18	0.18	ug/L
191-24-2	Benzo(g,h,i)perylene	0.06	U	0.06	0.18	0.18	ug/L
123-91-1	1,4-Dioxane	0.11	U	0.11	0.36	0.36	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.241		30-150		60	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.26		30-150		65	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-GW-940-942			SDG No.:	BN030724
Lab Sample ID:	P1660-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	550	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
BN030334.D	1	3/1/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.13		10-92		32	SPK: -0.4
13127-88-3	Phenol-d6	0.087		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.206		11-175		51	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.269		10-175		67	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.23		24-148		57	SPK: -0.4
1718-51-0	Terphenyl-d14	0.296		54-171		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2354	7.804				
1146-65-2	Naphthalene-d8	6283	10.594				
15067-26-2	Acenaphthene-d10	3195	14.458				
1517-22-2	Phenanthrene-d10	5952	17.218				
1719-03-5	Chrysene-d12	4738	21.438				
1520-96-3	Perylene-d12	5099	23.794				

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Report of Analysis

Client:				Date Collected:	2/28/2024 12:00:00 AM
Project:				Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-EB-20240228			SDG No.:	BN030724
Lab Sample ID:	P1660-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	900	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
BN030335.D	1	3/1/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.02	U	0.02	0.11	0.11	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.02	U	0.02	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.02	U	0.02	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
Total PAH	Total PAH	0.44	U	0.44	0.11	1.76	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.08	U	0.08	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.02	U	0.02	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.07	U	0.07	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.11	0.11	ug/L
129-00-0	Pyrene	0.03	U	0.03	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.03	U	0.03	0.11	0.11	ug/L
218-01-9	Chrysene	0.02	U	0.02	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.09	U	0.09	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.04	U	0.04	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.05	U	0.05	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.03	U	0.03	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.22	0.22	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.268		30-150		67	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.3		30-150		75	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/28/2024 12:00:00 AM
Project:				Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-EB-20240228			SDG No.:	BN030724
Lab Sample ID:	P1660-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	900	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
BN030335.D	1	3/1/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.092		10-92		23	SPK: -0.4
13127-88-3	Phenol-d6	0.042		10-100		10	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.228		11-175		57	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.285		10-175		71	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.136		24-148		34	SPK: -0.4
1718-51-0	Terphenyl-d14	0.338		54-171		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2180	7.804				
1146-65-2	Naphthalene-d8	5427	10.605				
15067-26-2	Acenaphthene-d10	2851	14.458				
1517-22-2	Phenanthrene-d10	5330	17.218				
1719-03-5	Chrysene-d12	4270	21.438				
1520-96-3	Perylene-d12	4544	23.797				

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Report of Analysis

Client:		Date Collected:	2/27/2024 12:00:00 AM
Project:		Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-GW-960-962	SDG No.:	BN030724
Lab Sample ID:	P1660-04	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	780 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
BN030336.D	1	3/1/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.04	U	0.04	0.26	0.26	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.13	0.13	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.13	0.13	ug/L
87-68-3	Hexachlorobutadiene	0.02	U	0.02	0.13	0.13	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.13	0.13	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.13	0.13	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.13	0.13	ug/L
Total PAH	Total PAH	0.49	U	0.49	0.13	2.08	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.13	0.13	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.09	U	0.09	0.26	0.26	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.13	0.13	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.13	0.13	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.13	0.13	ug/L
87-86-5	Pentachlorophenol	0.08	U	0.08	0.26	0.26	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.13	0.13	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.13	0.13	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.13	0.13	ug/L
129-00-0	Pyrene	0.03	U	0.03	0.13	0.13	ug/L
56-55-3	Benzo(a)anthracene	0.03	U	0.03	0.13	0.13	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.13	0.13	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.1	U	0.1	0.26	0.26	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.13	0.13	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.13	0.13	ug/L
50-32-8	Benzo(a)pyrene	0.05	U	0.05	0.13	0.13	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.05	U	0.05	0.13	0.13	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.05	U	0.05	0.13	0.13	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.13	0.13	ug/L
123-91-1	1,4-Dioxane	0.08	U	0.08	0.26	0.26	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.266		30-150		67	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.274		30-150		68	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-GW-960-962			SDG No.:	BN030724
Lab Sample ID:	P1660-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	780	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
BN030336.D	1	3/1/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.114		10-92		28	SPK: -0.4
13127-88-3	Phenol-d6	0.067		10-100		17	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.213		11-175		53	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.277		10-175		69	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.227		24-148		57	SPK: -0.4
1718-51-0	Terphenyl-d14	0.337		54-171		84	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2130	7.804				
1146-65-2	Naphthalene-d8	5777	10.594				
15067-26-2	Acenaphthene-d10	3060	14.447				
1517-22-2	Phenanthrene-d10	5708	17.218				
1719-03-5	Chrysene-d12	4121	21.438				
1520-96-3	Perylene-d12	4505	23.794				

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Report of Analysis

Client:		Date Collected:	2/28/2024 12:00:00 AM
Project:		Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-GW-1000-1002	SDG No.:	BN030724
Lab Sample ID:	P1660-05	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	640 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
BN030337.D	1	3/1/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.05	U	0.05	0.31	0.31	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.16	0.16	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.16	0.16	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.16	0.16	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.16	0.16	ug/L
208-96-8	Acenaphthylene	0.03	U	0.03	0.16	0.16	ug/L
83-32-9	Acenaphthene	0.03	U	0.03	0.16	0.16	ug/L
Total PAH	Total PAH	0.64	U	0.64	0.16	2.56	ug/L
86-73-7	Fluorene	0.03	U	0.03	0.16	0.16	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.11	U	0.11	0.31	0.31	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.16	0.16	ug/L
118-74-1	Hexachlorobenzene	0.04	U	0.04	0.16	0.16	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.16	0.16	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.31	0.31	ug/L
85-01-8	Phenanthrene	0.03	U	0.03	0.16	0.16	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.16	0.16	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.16	0.16	ug/L
129-00-0	Pyrene	0.04	U	0.04	0.16	0.16	ug/L
56-55-3	Benzo(a)anthracene	0.04	U	0.04	0.16	0.16	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.16	0.16	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.34		0.13	0.31	0.31	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.16	0.16	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.16	0.16	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.16	0.16	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.06	U	0.06	0.16	0.16	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.07	U	0.07	0.16	0.16	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	U	0.05	0.16	0.16	ug/L
123-91-1	1,4-Dioxane	0.1	U	0.1	0.31	0.31	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.113	*	30-150		28	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.067	*	30-150		17	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/28/2024 12:00:00 AM
Project:				Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-GW-1000-1002			SDG No.:	BN030724
Lab Sample ID:	P1660-05			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	640	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
BN030337.D	1	3/1/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.012	*	10-92		3	SPK: -0.4
13127-88-3	Phenol-d6	0.013	*	10-100		3	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.096		11-175		24	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.119		10-175		30	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.018	*	24-148		4	SPK: -0.4
1718-51-0	Terphenyl-d14	0.079	*	54-171		20	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2134	7.804				
1146-65-2	Naphthalene-d8	5586	10.594				
15067-26-2	Acenaphthene-d10	2967	14.458				
1517-22-2	Phenanthrene-d10	5843	17.218				
1719-03-5	Chrysene-d12	5858	21.438				
1520-96-3	Perylene-d12	7139	23.788				

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Report of Analysis

Client:		Date Collected:	2/28/2024 12:00:00 AM
Project:		Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-GW-1000-1002MS	SDG No.:	BN030724
Lab Sample ID:	P1660-06MS	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	610 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
BN030338.D	1	3/1/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.05	J	0.05	0.33	0.33	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.1	J	0.03	0.16	0.16	ug/L
91-20-3	Naphthalene	0.11	J	0.03	0.16	0.16	ug/L
87-68-3	Hexachlorobutadiene	0.08	J	0.03	0.16	0.16	ug/L
91-57-6	2-Methylnaphthalene	0.1	J	0.03	0.16	0.16	ug/L
208-96-8	Acenaphthylene	0.08	J	0.03	0.16	0.16	ug/L
83-32-9	Acenaphthene	0.09	J	0.03	0.16	0.16	ug/L
Total PAH	Total PAH	0.7	J	0.66	0.16	2.56	ug/L
86-73-7	Fluorene	0.09	J	0.03	0.16	0.16	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.12	U	0.12	0.33	0.33	ug/L
101-55-3	4-Bromophenyl-phenylether	0.08	J	0.03	0.16	0.16	ug/L
118-74-1	Hexachlorobenzene	0.07	J	0.04	0.16	0.16	ug/L
1912-24-9	Atrazine	0.09	J	0.03	0.16	0.16	ug/L
87-86-5	Pentachlorophenol	0.1	U	0.1	0.33	0.33	ug/L
85-01-8	Phenanthrene	0.1	J	0.03	0.16	0.16	ug/L
120-12-7	Anthracene	0.07	J	0.04	0.16	0.16	ug/L
206-44-0	Fluoranthene	0.06	J	0.03	0.16	0.16	ug/L
129-00-0	Pyrene	0.06	J	0.04	0.16	0.16	ug/L
56-55-3	Benzo(a)anthracene	0.04	U	0.04	0.16	0.16	ug/L
218-01-9	Chrysene	0.04	J	0.03	0.16	0.16	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.27	J	0.13	0.33	0.33	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.16	0.16	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.16	0.16	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.16	0.16	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.07	U	0.07	0.16	0.16	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.07	U	0.07	0.16	0.16	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	U	0.05	0.16	0.16	ug/L
123-91-1	1,4-Dioxane	0.1	J	0.1	0.33	0.33	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.067	*	30-150		17	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.03	*	30-150		7	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/28/2024 12:00:00 AM
Project:				Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-GW-1000-1002MS			SDG No.:	BN030724
Lab Sample ID:	P1660-06MS			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	610	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
BN030338.D	1	3/1/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.006	*	10-92		1	SPK: -0.4
13127-88-3	Phenol-d6	0.007	*	10-100		2	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.053		11-175		13	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.059		10-175		15	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.004	*	24-148		1	SPK: -0.4
1718-51-0	Terphenyl-d14	0.032	*	54-171		8	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3454	7.804				
1146-65-2	Naphthalene-d8	9081	10.594				
15067-26-2	Acenaphthene-d10	4493	14.458				
1517-22-2	Phenanthrene-d10	8252	17.218				
1719-03-5	Chrysene-d12	7361	21.438				
1520-96-3	Perylene-d12	9039	23.788				

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Report of Analysis

Client:		Date Collected:	2/28/2024 12:00:00 AM
Project:		Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-GW-1000-1002MSD	SDG No.:	BN030724
Lab Sample ID:	P1660-07MSD	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	630 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
BN030339.D	1	3/1/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.09	J	0.05	0.32	0.32	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.22		0.03	0.16	0.16	ug/L
91-20-3	Naphthalene	0.22		0.03	0.16	0.16	ug/L
87-68-3	Hexachlorobutadiene	0.18		0.03	0.16	0.16	ug/L
91-57-6	2-Methylnaphthalene	0.21		0.03	0.16	0.16	ug/L
208-96-8	Acenaphthylene	0.21		0.03	0.16	0.16	ug/L
83-32-9	Acenaphthene	0.21		0.03	0.16	0.16	ug/L
Total PAH	Total PAH	1.95	J	0.64	0.16	2.56	ug/L
86-73-7	Fluorene	0.22		0.03	0.16	0.16	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.17	J	0.12	0.32	0.32	ug/L
101-55-3	4-Bromophenyl-phenylether	0.24		0.03	0.16	0.16	ug/L
118-74-1	Hexachlorobenzene	0.21		0.04	0.16	0.16	ug/L
1912-24-9	Atrazine	0.25		0.03	0.16	0.16	ug/L
87-86-5	Pentachlorophenol	0.32		0.09	0.32	0.32	ug/L
85-01-8	Phenanthrene	0.26		0.03	0.16	0.16	ug/L
120-12-7	Anthracene	0.22		0.03	0.16	0.16	ug/L
206-44-0	Fluoranthene	0.17		0.03	0.16	0.16	ug/L
129-00-0	Pyrene	0.16		0.04	0.16	0.16	ug/L
56-55-3	Benzo(a)anthracene	0.09	J	0.04	0.16	0.16	ug/L
218-01-9	Chrysene	0.09	J	0.03	0.16	0.16	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.4		0.13	0.32	0.32	ug/L
205-99-2	Benzo(b)fluoranthene	0.05	J	0.04	0.16	0.16	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	J	0.04	0.16	0.16	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.16	0.16	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.06	U	0.06	0.16	0.16	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.07	U	0.07	0.16	0.16	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	U	0.05	0.16	0.16	ug/L
123-91-1	1,4-Dioxane	0.16	J	0.1	0.32	0.32	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.147		30-150		37	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.102	*	30-150		25	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/28/2024 12:00:00 AM
Project:				Date Received:	2/28/2024 12:00:00 AM
Client Sample ID:	BP-VPB-195-GW-1000-1002MSD			SDG No.:	BN030724
Lab Sample ID:	P1660-07MSD			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	630	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
BN030339.D	1	3/1/2024 12:00:00 AM	3/7/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.057		10-92		14	SPK: -0.4
13127-88-3	Phenol-d6	0.039		10-100		10	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.115		11-175		29	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.144		10-175		36	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.106		24-148		26	SPK: -0.4
1718-51-0	Terphenyl-d14	0.107	*	54-171		27	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3559	7.804				
1146-65-2	Naphthalene-d8	9467	10.594				
15067-26-2	Acenaphthene-d10	4533	14.447				
1517-22-2	Phenanthrene-d10	8439	17.218				
1719-03-5	Chrysene-d12	7276	21.438				
1520-96-3	Perylene-d12	8685	23.788				

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Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	PB159312BL			SDG No.:	BN030724
Lab Sample ID:	PB159312BL			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
BN030343.D	1	2/27/2024 12:00:00 AM	3/8/2024 12:00:00 AM	PB159312

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	0.02	U	0.02	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	0.02	U	0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.02	U	0.02	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	0.41	U	0.41	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	0.07	U	0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.02	U	0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.02	U	0.02	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	0.06	U	0.06	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	0.03	U	0.03	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	0.02	U	0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.08	U	0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.02	U	0.02	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	0.04	U	0.04	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	0.03	U	0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.06	U	0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.292		30-150		73	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.288		30-150		72	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	2/27/2024 12:00:00 AM
Project:				Date Received:	2/27/2024 12:00:00 AM
Client Sample ID:	PB159312BL			SDG No.:	BN030724
Lab Sample ID:	PB159312BL			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
BN030343.D	1	2/27/2024 12:00:00 AM	3/8/2024 12:00:00 AM	PB159312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.297		10-92		74	SPK: -0.4
13127-88-3	Phenol-d6	0.242		10-100		60	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.265		11-175		66	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.3		10-175		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.162		24-148		41	SPK: -0.4
1718-51-0	Terphenyl-d14	0.291		54-171		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2893	7.797				
1146-65-2	Naphthalene-d8	7290	10.594				
15067-26-2	Acenaphthene-d10	3557	14.458				
1517-22-2	Phenanthrene-d10	6006	17.218				
1719-03-5	Chrysene-d12	4901	21.447				
1520-96-3	Perylene-d12	5668	23.794				

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Report of Analysis

Client:				Date Collected:	3/1/2024 12:00:00 AM
Project:				Date Received:	3/1/2024 12:00:00 AM
Client Sample ID:	PB159394BS			SDG No.:	BN030724
Lab Sample ID:	PB159394BS			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
BN030344.D	1	3/1/2024 12:00:00 AM	3/8/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.25		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.32		0.02	0.1	0.1	ug/L
91-20-3	Naphthalene	0.3		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.29		0.02	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.29		0.02	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.31		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.3		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	4.8		0.41	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	0.24		0.07	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.3		0.02	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.31		0.02	0.1	0.1	ug/L
1912-24-9	Atrazine	0.28		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.22		0.06	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.31		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.29		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.26		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.31		0.03	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.3		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.3		0.02	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.28		0.08	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.28		0.02	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.29		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.3		0.04	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.32		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	0.32		0.03	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.3		0.06	0.2	0.2	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.418		30-150		104	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.269		30-150		67	SPK: -0.4

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Report of Analysis

Client:				Date Collected:	3/1/2024 12:00:00 AM
Project:				Date Received:	3/1/2024 12:00:00 AM
Client Sample ID:	PB159394BS			SDG No.:	BN030724
Lab Sample ID:	PB159394BS			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
BN030344.D	1	3/1/2024 12:00:00 AM	3/8/2024 12:00:00 AM	PB159394

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.343		10-92		86	SPK: -0.4
13127-88-3	Phenol-d6	0.353		10-100		88	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.296		11-175		74	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.336		10-175		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.284		24-148		71	SPK: -0.4
1718-51-0	Terphenyl-d14	0.305		54-171		76	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3435	7.804				
1146-65-2	Naphthalene-d8	9093	10.594				
15067-26-2	Acenaphthene-d10	4372	14.447				
1517-22-2	Phenanthrene-d10	7954	17.206				
1719-03-5	Chrysene-d12	5907	21.429				
1520-96-3	Perylene-d12	7251	23.786				

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Report of Analysis

Client:		Date Collected:	2/22/2024 12:00:00 AM
Project:		Date Received:	2/22/2024 12:00:00 AM
Client Sample ID:	RE120D1-20240222DL	SDG No.:	BN030724
Lab Sample ID:	P1590-02DL	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030345.D	2	2/27/2024 12:00:00 AM	3/8/2024 12:00:00 AM	PB159312

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	0.04	U	0.04	0.2	0.2	ug/L
91-20-3	Naphthalene	0.04	U	0.04	0.2	0.2	ug/L
87-68-3	Hexachlorobutadiene	0.04	U	0.04	0.2	0.2	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	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	0.03	U	0.03	0.2	0.2	ug/L
Total PAH	Total PAH	0.79	U	0.79	0.2	3.2	ug/L
86-73-7	Fluorene	0.03	U	0.03	0.2	0.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.4	0.4	ug/L
101-55-3	4-Bromophenyl-phenylether	0.04	U	0.04	0.2	0.2	ug/L
118-74-1	Hexachlorobenzene	0.05	U	0.05	0.2	0.2	ug/L
1912-24-9	Atrazine	0.04	U	0.04	0.2	0.2	ug/L
87-86-5	Pentachlorophenol	0.12	U	0.12	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	0.04	U	0.04	0.2	0.2	ug/L
206-44-0	Fluoranthene	0.04	U	0.04	0.2	0.2	ug/L
129-00-0	Pyrene	0.05	U	0.05	0.2	0.2	ug/L
56-55-3	Benzo(a)anthracene	0.05	U	0.05	0.2	0.2	ug/L
218-01-9	Chrysene	0.04	U	0.04	0.2	0.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.16	U	0.16	0.4	0.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.05	U	0.05	0.2	0.2	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	U	0.05	0.2	0.2	ug/L
50-32-8	Benzo(a)pyrene	0.07	U	0.07	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	0.06	U	0.06	0.2	0.2	ug/L
123-91-1	1,4-Dioxane	7.3	D	0.12	0.4	0.4	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.38		30-150		95	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.408		30-150		102	SPK: -0.4

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Report of Analysis

Client:		Date Collected:	2/22/2024 12:00:00 AM
Project:		Date Received:	2/22/2024 12:00:00 AM
Client Sample ID:	RE120D1-20240222DL	SDG No.:	BN030724
Lab Sample ID:	P1590-02DL	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030345.D	2	2/27/2024 12:00:00 AM	3/8/2024 12:00:00 AM	PB159312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.14		10-92		35	SPK: -0.4
13127-88-3	Phenol-d6	0.058		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.308		11-175		77	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.4		10-175		100	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.3		24-148		75	SPK: -0.4
1718-51-0	Terphenyl-d14	0.43		54-171		108	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2391	7.804				
1146-65-2	Naphthalene-d8	5935	10.605				
15067-26-2	Acenaphthene-d10	3127	14.457				
1517-22-2	Phenanthrene-d10	6070	17.218				
1719-03-5	Chrysene-d12	5258	21.438				
1520-96-3	Perylene-d12	5777	23.791				

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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	RE134D2-20240226DL	SDG No.:	BN030724
Lab Sample ID:	P1615-05DL	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
BN030346.D	2	2/28/2024 12:00:00 AM	3/8/2024 12:00:00 AM	PB159350

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	0.04	U	0.04	0.2	0.2	ug/L
91-20-3	Naphthalene	0.04	U	0.04	0.2	0.2	ug/L
87-68-3	Hexachlorobutadiene	0.04	U	0.04	0.2	0.2	ug/L
91-57-6	2-Methylnaphthalene	0.04	U	0.04	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	0.03	U	0.03	0.2	0.2	ug/L
Total PAH	Total PAH	0.79	U	0.79	0.2	3.2	ug/L
86-73-7	Fluorene	0.03	U	0.03	0.2	0.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.4	0.4	ug/L
101-55-3	4-Bromophenyl-phenylether	0.04	U	0.04	0.2	0.2	ug/L
118-74-1	Hexachlorobenzene	0.05	U	0.05	0.2	0.2	ug/L
1912-24-9	Atrazine	0.04	U	0.04	0.2	0.2	ug/L
87-86-5	Pentachlorophenol	0.12	U	0.12	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	0.04	U	0.04	0.2	0.2	ug/L
206-44-0	Fluoranthene	0.04	U	0.04	0.2	0.2	ug/L
129-00-0	Pyrene	0.05	U	0.05	0.2	0.2	ug/L
56-55-3	Benzo(a)anthracene	0.05	U	0.05	0.2	0.2	ug/L
218-01-9	Chrysene	0.04	U	0.04	0.2	0.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.16	U	0.16	0.4	0.4	ug/L
205-99-2	Benzo(b)fluoranthene	0.05	U	0.05	0.2	0.2	ug/L
207-08-9	Benzo(k)fluoranthene	0.05	U	0.05	0.2	0.2	ug/L
50-32-8	Benzo(a)pyrene	0.07	U	0.07	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	0.06	U	0.06	0.2	0.2	ug/L
123-91-1	1,4-Dioxane	5.4	D	0.12	0.4	0.4	ug/L
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.286		30-150		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.354		30-150		88	SPK: -0.4

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Report of Analysis

Client:		Date Collected:	2/26/2024 12:00:00 AM
Project:		Date Received:	2/26/2024 12:00:00 AM
Client Sample ID:	RE134D2-20240226DL	SDG No.:	BN030724
Lab Sample ID:	P1615-05DL	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
BN030346.D	2	2/28/2024 12:00:00 AM	3/8/2024 12:00:00 AM	PB159350

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
367-12-4	2-Fluorophenol	0.1		10-92		25	SPK: -0.4
13127-88-3	Phenol-d6	0.042		10-100		10	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.242		11-175		60	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.286		10-175		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.246		24-148		62	SPK: -0.4
1718-51-0	Terphenyl-d14	0.378		54-171		94	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2377	7.804				
1146-65-2	Naphthalene-d8	5964	10.605				
15067-26-2	Acenaphthene-d10	3161	14.458				
1517-22-2	Phenanthrene-d10	5922	17.218				
1719-03-5	Chrysene-d12	4706	21.438				
1520-96-3	Perylene-d12	5213	23.794				

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Hit Summary Sheet
SW-846

SDG No.: BN030724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**RE120D1-20240222DL**							
P1590-02DL	RE120D1-20240222DL	Water	1,4-Dioxane	7.300	D	0.12	0.4	ug/L
			Total Svoc :	**7.30**				
			Total Concentration:	**7.30**				
Client ID :	**RE134D2-20240226**							
P1615-05	RE134D2-20240226	Water	1,4-Dioxane	5.100	E	0.06	0.2	ug/L
			Total Svoc :	**5.10**				
			Total Concentration:	**5.10**				
Client ID :	**RE134D2-20240226DL**							
P1615-05DL	RE134D2-20240226DL	Water	1,4-Dioxane	5.400	D	0.12	0.4	ug/L
			Total Svoc :	**5.40**				
			Total Concentration:	**5.40**				
Client ID :	**RE114D1-20240226**							
P1615-06	RE114D1-20240226	Water	1,4-Dioxane	2.800		0.06	0.2	ug/L
P1615-06	RE114D1-20240226	Water	bis(2-Chloroethyl)ether	0.050	J	0.02	0.1	ug/L
			Total Svoc :	**2.85**				
			Total Concentration:	**2.85**				
Client ID :	**RE125D3-20240226**							
P1615-10	RE125D3-20240226	Water	1,4-Dioxane	1.600		0.06	0.2	ug/L
			Total Svoc :	**1.60**				
			Total Concentration:	**1.60**				
Client ID :	**GM38-RW3-MW1-20240226**							
P1615-11	GM38-RW3-MW1-2024(	Water	1,4-Dioxane	1.000		0.06	0.2	ug/L
P1615-11	GM38-RW3-MW1-2024(	Water	Bis(2-ethylhexyl)phthalate	0.100	J	0.08	0.2	ug/L
			Total Svoc :	**1.10**				
			Total Concentration:	**1.10**				
Client ID :	**TT174I1-20240227**							
P1615-12	TT174I1-20240227	Water	1,4-Dioxane	0.540		0.06	0.2	ug/L
P1615-12	TT174I1-20240227	Water	Benzo(a)anthracene	0.020	J	0.02	0.1	ug/L
			Total Svoc :	**0.56**				
			Total Concentration:	**0.56**				
Client ID :	**DUP08-20240227**							
P1615-13	DUP08-20240227	Water	1,4-Dioxane	0.490		0.06	0.2	ug/L
			Total Svoc :	**0.49**				
			Total Concentration:	**0.49**				
Client ID :	**TT101D2-20240227**							
P1615-14	TT101D2-20240227	Water	1,4-Dioxane	3.100		0.06	0.2	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN030724

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
		Total Svoc :			**3.10**		
		Total Concentration:			**3.10**		
Client ID :	**BP-VPB-195-GW-940-942**						
P1660-01	BP-VPB-195-GW-940-94 Water	Bis(2-ethylhexyl)phthalate	0.170	J	0.15	0.36	ug/L
		Total Svoc :			**0.17**		
		Total Concentration:			**0.17**		
Client ID :	**BP-VPB-195-GW-1000-1002**						
P1660-05	BP-VPB-195-GW-1000-1 Water	Bis(2-ethylhexyl)phthalate	0.340		0.13	0.31	ug/L
		Total Svoc :			**0.34**		
		Total Concentration:			**0.34**		

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030524 SAS No.: BN030524 SDG No.: BN030524

Instrument ID: Calibration Date(s): 3/5/2024 1:

Calibration Time(s): 12:46

LAB FILE ID: RRF0.1 = BN030268.D RRF0.2 = BN030269.D RRF0.4 = BN030270.D
RRF0.8 = BN030271.D RRF1.6 = BN030272.D RRF3.2 = BN030273.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.495	0.586	0.607	0.569	0.617	0.601	0.580	7.0
Fluoranthene-d10	1.054	1.101	1.132	1.069	1.154	1.083	1.098	3.2
n-Nitrosodimethylamine	0.540	0.574	0.543	0.516	0.556	0.555	0.548	3.3
2-Fluorophenol	1.103	1.107	1.054	0.998	1.046	1.023	1.050	4.0
Phenol-d6	0.967	1.065	1.093	1.074	1.172	1.185	1.105	7.2
bis(2-Chloroethyl)ether	0.749	0.851	0.868	0.865	0.933	0.944	0.876	7.6
Nitrobenzene-d5	0.312	0.358	0.369	0.348	0.389	0.393	0.365	7.9
Naphthalene	1.093	1.121	1.169	1.065	1.144	1.126	1.117	3.1
Hexachlorobutadiene	0.260	0.264	0.270	0.244	0.258	0.248	0.255	4.3
2-Methylnaphthalene	0.636	0.680	0.719	0.665	0.725	0.707	0.689	4.6
2-Fluorobiphenyl	1.545	1.597	1.710	1.601	1.768	1.711	1.661	4.8
Acenaphthylene	1.826	1.815	1.953	1.834	2.046	2.017	1.930	5.3
Acenaphthene	1.214	1.198	1.290	1.191	1.310	1.261	1.246	3.7
Fluorene	1.453	1.501	1.547	1.438	1.610	1.482	1.499	4.0
4,6-Dinitro-2-methylphenol	0.059	0.068	0.077	0.080	0.097	0.097	0.083	19.7
2,4,6-Tribromophenol	0.194	0.204	0.217	0.200	0.222	0.202	0.206	4.9
4-Bromophenyl-phenylether	0.226	0.233	0.255	0.228	0.259	0.258	0.244	6.1
Hexachlorobenzene	0.279	0.281	0.291	0.268	0.293	0.290	0.283	3.2
Atrazine	0.202	0.213	0.228	0.206	0.230	0.220	0.217	4.9
Pentachlorophenol	0.118	0.129	0.154	0.145	0.164	0.159	0.147	12.1
Phenanthrene	1.070	1.112	1.169	1.083	1.221	1.193	1.144	5.0
Anthracene	0.946	0.996	1.076	0.989	1.127	1.124	1.051	7.0
Fluoranthene	1.350	1.363	1.449	1.344	1.487	1.379	1.393	3.9
Pyrene	1.697	1.664	1.764	1.619	1.686	1.710	1.679	3.2
Terphenyl-d14	1.074	1.022	1.077	1.001	1.049	1.054	1.037	3.4
Benzo(a)anthracene	1.333	1.330	1.417	1.378	1.458	1.452	1.402	4.0
Chrysene	1.524	1.495	1.576	1.468	1.566	1.513	1.518	2.7
Bis(2-ethylhexyl)phthalate	1.370	1.203	1.180	0.983	1.034	1.026	1.118	12.5
Benzo(b)fluoranthene	1.304	1.273	1.430	1.350	1.501	1.469	1.398	6.3
Benzo(k)fluoranthene	1.354	1.337	1.467	1.353	1.517	1.472	1.420	5.0
Benzo(a)pyrene	1.172	1.113	1.249	1.204	1.318	1.301	1.235	6.1
Indeno(1,2,3-cd)pyrene	1.584	1.561	1.691	1.592	1.761	1.788	1.676	5.7
Dibenzo(a,h)anthracene	1.179	1.205	1.270	1.283	1.431	1.427	1.317	8.3
Benzo(g,h,i)perylene	1.476	1.441	1.546	1.462	1.582	1.590	1.519	3.9
1,4-Dioxane	0.665	0.526	0.554	0.461	0.478	0.468	0.519	14.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG NO.: BN030724

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Mar 7 2024 12:00AM

Lab File ID: BN030270.D Time Analyzed: 13:42

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	1362		7.811	3380		10.61	1734		14.46
	UPPER LIMIT	2724		8.311	6760		11.105	3468		14.958
	LOWER LIMIT	681		7.311	1690		10.105	867		13.958
	EPA SAMPLE NO.									
01	PB159312BL	2188		7.80	5340		10.61	2731		14.46
02	PB159312BS	2626		7.80	7029	*	10.59	3524	*	14.46
03	PB159312BSD	2527		7.80	6750		10.59	3325		14.46
04	RE134D2-20240226	2006		7.80	5169		10.61	2732		14.46
05	RE114D1-20240226	1871		7.80	4777		10.61	2568		14.46
06	RE125D3-20240226	1752		7.80	4719		10.59	2578		14.46
07	GM38-RW3-MW1-20240226	1869		7.80	5173		10.59	2770		14.46
08	TT174I1-20240227	2479		7.80	6231		10.61	3135		14.46
09	DUP08-20240227	2236		7.80	5710		10.61	3029		14.46
10	TT101D2-20240227	2079		7.80	5344		10.61	2806		14.46
11	BP-VPB-195-GW-940-942	2354		7.80	6283		10.59	3195		14.46
12	BP-VPB-195-EB-20240228	2180		7.80	5427		10.61	2851		14.46
13	BP-VPB-195-GW-960-962	2130		7.80	5777		10.59	3060		14.45
14	BP-VPB-195-GW-1000-1002	2134		7.80	5586		10.59	2967		14.46
15	BP-VPB-195-GW-1000-1002MS	3454	*	7.80	9081	*	10.59	4493	*	14.46
16	BP-VPB-195-GW-1000-1002MSD	3559	*	7.80	9467	*	10.59	4533	*	14.45
17	PB159312BL	2893	*	7.80	7290	*	10.59	3557	*	14.46
18	PB159394BS	3435	*	7.80	9093	*	10.59	4372	*	14.45
19	RE120D1-20240222DL	2391		7.80	5935		10.61	3127		14.46
20	RE134D2-20240226DL	2377		7.80	5964		10.61	3161		14.46

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG NO.: BN030724

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Mar 8 2024 12:00AM

Lab File ID: BN030270.D Time Analyzed: 05:17

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	1362	7.811	3380	10.61	1734	14.46
UPPER LIMIT	2724	8.311	6760	11.105	3468	14.958
LOWER LIMIT	681	7.311	1690	10.105	867	13.958
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.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG NO.: BN030724

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Mar 7 2024 12:00AM

Lab File ID: BN030323.D Time Analyzed: 13:42

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	1878	7.804	4707		10.59	2367	14.46
	UPPER LIMIT	3756	8.304	9414		11.094	4734	14.958
	LOWER LIMIT	939	7.304	2353.5		10.094	1183.5	13.958
	EPA SAMPLE NO.							
01	PB159312BL	2188	7.80	5340		10.61	2731	14.46
02	PB159312BS	2626	7.80	7029		10.59	3524	14.46
03	PB159312BSD	2527	7.80	6750		10.59	3325	14.46
04	RE134D2-20240226	2006	7.80	5169		10.61	2732	14.46
05	RE114D1-20240226	1871	7.80	4777		10.61	2568	14.46
06	RE125D3-20240226	1752	7.80	4719		10.59	2578	14.46
07	GM38-RW3-MW1-20240226	1869	7.80	5173		10.59	2770	14.46
08	TT174I1-20240227	2479	7.80	6231		10.61	3135	14.46
09	DUP08-20240227	2236	7.80	5710		10.61	3029	14.46
10	TT101D2-20240227	2079	7.80	5344		10.61	2806	14.46
11	BP-VPB-195-GW-940-942	2354	7.80	6283		10.59	3195	14.46
12	BP-VPB-195-EB-20240228	2180	7.80	5427		10.61	2851	14.46
13	BP-VPB-195-GW-960-962	2130	7.80	5777		10.59	3060	14.45
14	BP-VPB-195-GW-1000-1002	2134	7.80	5586		10.59	2967	14.46
15	BP-VPB-195-GW-1000-1002MS	3454	7.80	9081		10.59	4493	14.46
16	BP-VPB-195-GW-1000-1002MSD	3559	7.80	9467	*	10.59	4533	14.45

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.

CHEMTECH

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG NO.: BN030724

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Mar 8 2024 12:00AM

Lab File ID: BN030342.D Time Analyzed: 03:30

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2744	7.804	7006	10.59	3352	14.45
	UPPER LIMIT	5488	8.304	14012	11.094	6704	14.947
	LOWER LIMIT	1372	7.304	3503	10.094	1676	13.947
	EPA SAMPLE NO.						
01	PB159312BL	2893	7.80	7290	10.59	3557	14.46
02	PB159394BS	3435	7.80	9093	10.59	4372	14.45
03	RE120D1-20240222DL	2391	7.80	5935	10.61	3127	14.46
04	RE134D2-20240226DL	2377	7.80	5964	10.61	3161	14.46

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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG NO.: BN030724

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Mar 7 2024 12:00AM

Lab File ID: BN030270.D Time Analyzed: 13:42

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	3621		17.218	3093		21.438	3435		23.803
	UPPER LIMIT	7242		17.718	6186		21.938	6870		24.303
	LOWER LIMIT	1810.5		16.718	1546.5		20.938	1717.5		23.303
	EPA SAMPLE NO.									
01	PB159312BL	4632		17.23	3391		21.45	3980		23.80
02	PB159312BS	6573		17.22	4212		21.44	4870		23.80
03	PB159312BSD	6064		17.22	4102		21.44	4808		23.80
04	RE134D2-20240226	5309		17.22	4593		21.44	5053		23.80
05	RE114D1-20240226	5042		17.22	4332		21.44	4799		23.80
06	RE125D3-20240226	5077		17.22	3759		21.44	3993		23.80
07	GM38-RW3-MW1-20240226	5459		17.22	4368		21.44	4897		23.80
08	TT174I1-20240227	6314		17.22	5537		21.44	6159		23.79
09	DUP08-20240227	5649		17.22	3971		21.44	3885		23.80
10	TT101D2-20240227	5337		17.22	4244		21.44	4701		23.80
11	BP-VPB-195-GW-940-942	5952		17.22	4738		21.44	5099		23.79
12	BP-VPB-195-EB-20240228	5330		17.22	4270		21.44	4544		23.80
13	BP-VPB-195-GW-960-962	5708		17.22	4121		21.44	4505		23.79
14	BP-VPB-195-GW-1000-1002	5843		17.22	5858		21.44	7139	*	23.79
15	BP-VPB-195-GW-1000-1002MS	8252	*	17.22	7361	*	21.44	9039	*	23.79
16	BP-VPB-195-GW-1000-1002MSD	8439	*	17.22	7276	*	21.44	8685	*	23.79
17	PB159312BL	6006		17.22	4901		21.45	5668		23.79
18	PB159394BS	7954	*	17.21	5907		21.43	7251	*	23.79
19	RE120D1-20240222DL	6070		17.22	5258		21.44	5777		23.79
20	RE134D2-20240226DL	5922		17.22	4706		21.44	5213		23.79

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG NO.: BN030724

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Mar 8 2024 12:00AM

Lab File ID: BN030270.D Time Analyzed: 05:17

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	3621	17.218	3093	21.438	3435	23.803
UPPER LIMIT	7242	17.718	6186	21.938	6870	24.303
LOWER LIMIT	1810.5	16.718	1546.5	20.938	1717.5	23.303
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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG NO.: BN030724

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Mar 7 2024 12:00AM

Lab File ID: BN030323.D Time Analyzed: 13:42

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	4634	17.218	3597		21.438	4100		23.794
	UPPER LIMIT	9268	17.718	7194		21.938	8200		24.294
	LOWER LIMIT	2317	16.718	1798.5		20.938	2050		23.294
	EPA SAMPLE NO.								
01	PB159312BL	4632	17.23	3391		21.45	3980		23.80
02	PB159312BS	6573	17.22	4212		21.44	4870		23.80
03	PB159312BSD	6064	17.22	4102		21.44	4808		23.80
04	RE134D2-20240226	5309	17.22	4593		21.44	5053		23.80
05	RE114D1-20240226	5042	17.22	4332		21.44	4799		23.80
06	RE125D3-20240226	5077	17.22	3759		21.44	3993		23.80
07	GM38-RW3-MW1-20240226	5459	17.22	4368		21.44	4897		23.80
08	TT174I1-20240227	6314	17.22	5537		21.44	6159		23.79
09	DUP08-20240227	5649	17.22	3971		21.44	3885		23.80
10	TT101D2-20240227	5337	17.22	4244		21.44	4701		23.80
11	BP-VPB-195-GW-940-942	5952	17.22	4738		21.44	5099		23.79
12	BP-VPB-195-EB-20240228	5330	17.22	4270		21.44	4544		23.80
13	BP-VPB-195-GW-960-962	5708	17.22	4121		21.44	4505		23.79
14	BP-VPB-195-GW-1000-1002	5843	17.22	5858		21.44	7139		23.79
15	BP-VPB-195-GW-1000-1002MS	8252	17.22	7361	*	21.44	9039	*	23.79
16	BP-VPB-195-GW-1000-1002MSD	8439	17.22	7276	*	21.44	8685	*	23.79

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG NO.: BN030724

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Mar 7 2024 12:00AM

Lab File ID: BN030323.D Time Analyzed: 22:44

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	4634	17.218	3597	21.438	4100	23.794
UPPER LIMIT	9268	17.718	7194	21.938	8200	24.294
LOWER LIMIT	2317	16.718	1798.5	20.938	2050	23.294
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.

CHEMTECH

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG NO.: BN030724

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Mar 8 2024 12:00AM

Lab File ID: BN030342.D Time Analyzed: 03:30

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	6363	17.218	4947	21.438	5596	23.788
	UPPER LIMIT	12726	17.718	9894	21.938	11192	24.288
	LOWER LIMIT	3181.5	16.718	2473.5	20.938	2798	23.288
	EPA SAMPLE NO.						
01	PB159312BL	6006	17.22	4901	21.45	5668	23.79
02	PB159394BS	7954	17.21	5907	21.43	7251	23.79
03	RE120D1-20240222DL	6070	17.22	5258	21.44	5777	23.79
04	RE134D2-20240226DL	5922	17.22	4706	21.44	5213	23.79

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.

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BN030724

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159312BS	n-Nitrosodimethylamine	0.4	0.26	ug/L	65				33	130	
	bis(2-Chloroethyl)ether	0.4	0.3	ug/L	75				55	118	
	Naphthalene	0.4	0.3	ug/L	75				67	120	
	Hexachlorobutadiene	0.4	0.3	ug/L	75				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	0.29	ug/L	73				65	119	
	Total PAH	6.4	4.77	ug/L	75				65	119	
	Fluorene	0.4	0.28	ug/L	70				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.24	ug/L	60				20	150	
	4-Bromophenyl-phenylether	0.4	0.31	ug/L	78				20	150	
	Hexachlorobenzene	0.4	0.31	ug/L	78				62	127	
	Atrazine	0.4	0.29	ug/L	73				20	150	
	Pentachlorophenol	0.8	0.23	ug/L	29				10	137	
	Phenanthrene	0.4	0.31	ug/L	78				65	117	
	Anthracene	0.4	0.3	ug/L	75				57	118	
	Fluoranthene	0.4	0.25	ug/L	63				53	126	
	Pyrene	0.4	0.34	ug/L	85				54	124	
	Benzo(a)anthracene	0.4	0.29	ug/L	73				54	130	
	Chrysene	0.4	0.31	ug/L	78				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.3	ug/L	75				40	137	
	Benzo(b)fluoranthene	0.4	0.28	ug/L	70				65	121	
	Benzo(k)fluoranthene	0.4	0.28	ug/L	70		*		72	119	
	Benzo(a)pyrene	0.4	0.29	ug/L	73				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.31	ug/L	78				70	127	
	Dibenz(a,h)anthracene	0.4	0.31	ug/L	78				65	121	
	Benzo(g,h,i)perylene	0.4	0.31	ug/L	78				76	117	
	1,4-Dioxane	0.4	0.29	ug/L	73				60	132	
PB159312BSD	n-Nitrosodimethylamine	0.4	0.27	ug/L	68	4			33	130	20
	bis(2-Chloroethyl)ether	0.4	0.32	ug/L	80	6			55	118	20
	Naphthalene	0.4	0.32	ug/L	80	6			67	120	20
	Hexachlorobutadiene	0.4	0.32	ug/L	80	6			33	114	20
	2-Methylnaphthalene	0.4	0.31	ug/L	78	3			50	122	20
	Acenaphthylene	0.4	0.33	ug/L	83	3			60	119	20
	Acenaphthene	0.4	0.32	ug/L	80	10			65	119	20
	Total PAH	6.4	5.02	ug/L	78	5			65	119	20
	Fluorene	0.4	0.29	ug/L	73	4			58	122	20
	4,6-Dinitro-2-methylphenol	0.4	0.24	ug/L	60	0			20	150	20
	4-Bromophenyl-phenylether	0.4	0.33	ug/L	83	6			20	150	20
	Hexachlorobenzene	0.4	0.33	ug/L	83	6			62	127	20
	Atrazine	0.4	0.31	ug/L	78	7			20	150	20
	Pentachlorophenol	0.8	0.24	ug/L	30	4			10	137	20
	Phenanthrene	0.4	0.33	ug/L	83	6			65	117	20
	Anthracene	0.4	0.31	ug/L	78	3			57	118	20
	Fluoranthene	0.4	0.27	ug/L	68	8			53	126	20
	Pyrene	0.4	0.34	ug/L	85	0			54	124	20

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BN030724

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159312BSD	Benzo(a)anthracene	0.4	0.32	ug/L	80	10			54	130	20
	Chrysene	0.4	0.3	ug/L	75	3			64	126	20
	bis(2-Ethylhexyl)phthalate	0.4	0.29	ug/L	73	3			40	137	20
	Benzo(b)fluoranthene	0.4	0.29	ug/L	73	4			65	121	20
	Benzo(k)fluoranthene	0.4	0.3	ug/L	75	7			72	119	20
	Benzo(a)pyrene	0.4	0.31	ug/L	78	7			68	120	20
	Indeno(1,2,3-cd)pyrene	0.4	0.33	ug/L	83	6			70	127	20
	Dibenz(a,h)anthracene	0.4	0.33	ug/L	83	6			65	121	20
	Benzo(g,h,i)perylene	0.4	0.33	ug/L	83	6			76	117	20
	1,4-Dioxane	0.4	0.3	ug/L	75	3			60	132	20

CHEMTECH

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BN030724

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB159394BS	n-Nitrosodimethylamine	0.4	0.25	ug/L	63				33	130	
	bis(2-Chloroethyl)ether	0.4	0.32	ug/L	80				55	118	
	Naphthalene	0.4	0.3	ug/L	75				67	120	
	Hexachlorobutadiene	0.4	0.29	ug/L	73				33	114	
	2-Methylnaphthalene	0.4	0.29	ug/L	73				50	122	
	Acenaphthylene	0.4	0.31	ug/L	78				60	119	
	Acenaphthene	0.4	0.3	ug/L	75				65	119	
	Total PAH	6.4	4.8	ug/L	75				65	119	
	Fluorene	0.4	0.28	ug/L	70				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.24	ug/L	60				20	150	
	4-Bromophenyl-phenylether	0.4	0.3	ug/L	75				20	150	
	Hexachlorobenzene	0.4	0.31	ug/L	78				62	127	
	Atrazine	0.4	0.28	ug/L	70				20	150	
	Pentachlorophenol	0.8	0.22	ug/L	28				10	137	
	Phenanthrene	0.4	0.31	ug/L	78				65	117	
	Anthracene	0.4	0.29	ug/L	73				57	118	
	Fluoranthene	0.4	0.26	ug/L	65				53	126	
	Pyrene	0.4	0.31	ug/L	78				54	124	
	Benzo(a)anthracene	0.4	0.3	ug/L	75				54	130	
	Chrysene	0.4	0.3	ug/L	75				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.28	ug/L	70				40	137	
	Benzo(b)fluoranthene	0.4	0.28	ug/L	70				65	121	
	Benzo(k)fluoranthene	0.4	0.29	ug/L	73				72	119	
	Benzo(a)pyrene	0.4	0.3	ug/L	75				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.32	ug/L	80				70	127	
	Dibenz(a,h)anthracene	0.4	0.33	ug/L	83				65	121	
	Benzo(g,h,i)perylene	0.4	0.32	ug/L	80				76	117	
	1,4-Dioxane	0.4	0.3	ug/L	75				60	132	

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159312BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG NO.: BN030724

Lab File ID: BN030324.D Lab Sample ID: PB159312BL

Instrument ID: BNA_N Date Extracted: 02/27/2024

Matrix: (soil/water) Water Date Analyzed: 03/07/2024

Level: (low/med) LOW Time Analyzed: 13:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159312BS	PB159312BS	BN030325.D	03/07/2024
PB159312BSD	PB159312BSD	BN030326.D	03/07/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

RE134D2-20240226

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG NO.: BN030724

Lab File ID: BN030327.D Lab Sample ID: P1615-05

Instrument ID: BNA_N Date Extracted: 02/28/2024

Matrix: (soil/water) Water Date Analyzed: 03/07/2024

Level: (low/med) LOW Time Analyzed: 15:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RE134D2-20240226	P1615-05	BN030327.D	03/07/2024
RE114D1-20240226	P1615-06	BN030328.D	03/07/2024
RE125D3-20240226	P1615-10	BN030329.D	03/07/2024
GM38-RW3-MW1-20240226	P1615-11	BN030330.D	03/07/2024
TT174I1-20240227	P1615-12	BN030331.D	03/07/2024
DUP08-20240227	P1615-13	BN030332.D	03/07/2024
TT101D2-20240227	P1615-14	BN030333.D	03/07/2024

COMMENTS:

CHEMTECH

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BP-VPB-195-GW-940-9

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN030724 SAS No.: BN030724 SDG NO.: BN030724

Lab File ID: BN030334.D Lab Sample ID: P1660-01

Instrument ID: BNA_N Date Extracted: 03/01/2024

Matrix: (soil/water) Water Date Analyzed: 03/07/2024

Level: (low/med) LOW Time Analyzed: 19:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-VPB-195-GW-940-942	P1660-01	BN030334.D	03/07/2024
BP-VPB-195-EB-20240228	P1660-02	BN030335.D	03/07/2024
BP-VPB-195-GW-960-962	P1660-04	BN030336.D	03/07/2024
BP-VPB-195-GW-1000-1002	P1660-05	BN030337.D	03/07/2024
BP-VPB-195-GW-1000-1002MS	P1660-06MS	BN030338.D	03/07/2024
BP-VPB-195-GW-1000-1002MSD	P1660-07MSD	BN030339.D	03/07/2024
PB159394BS	PB159394BS	BN030344.D	03/08/2024

COMMENTS:

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BN030724

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: P1660-06MS		**Client Sample ID: BP-VPB-195-GW-1000-1002MS**						**DataFile: BN030338.D**			
n-Nitrosodimethylamine	0.66		0.05	ug/L	8	*			10	158	
bis(2-Chloroethyl)ether	0.66		0.1	ug/L	15	*			27	159	
Naphthalene	0.66		0.11	ug/L	17	*			62	119	
Hexachlorobutadiene	0.66		0.08	ug/L	12	*			14	140	
2-Methylnaphthalene	0.66		0.1	ug/L	15	*			70	118	
Acenaphthylene	0.66		0.08	ug/L	12	*			53	123	
Acenaphthene	0.66		0.09	ug/L	14	*			57	122	
Total PAH	10.56		0.7	ug/L	7	*			57	122	
Fluorene	0.66		0.09	ug/L	14	*			58	123	
4,6-Dinitro-2-methylphenol	0.66			ug/L		*			20	150	
4-Bromophenyl-phenylether	0.66		0.08	ug/L	12	*			20	150	
Hexachlorobenzene	0.66		0.07	ug/L	11	*			31	160	
Atrazine	0.66		0.09	ug/L	14	*			20	150	
Pentachlorophenol	1.3			ug/L		*			10	179	
Phenanthrene	0.66		0.1	ug/L	15	*			64	129	
Anthracene	0.66		0.07	ug/L	11	*			67	127	
Fluoranthene	0.66		0.06	ug/L	9	*			55	140	
Pyrene	0.66		0.06	ug/L	9	*			59	137	
Benzo(a)anthracene	0.66		0	ug/L	0	*			51	146	
Chrysene	0.66		0.04	ug/L	6	*			61	126	
bis(2-Ethylhexyl)phthalate	0.66	0.34	0.27	ug/L	-11	*			35	175	
Benzo(b)fluoranthene	0.66			ug/L		*			60	123	
Benzo(k)fluoranthene	0.66			ug/L		*			61	122	
Benzo(a)pyrene	0.66			ug/L		*			54	129	
Indeno(1,2,3-cd)pyrene	0.66			ug/L		*			50	134	
Dibenz(a,h)anthracene	0.66			ug/L		*			53	121	
Benzo(g,h,i)perylene	0.66			ug/L		*			44	132	
1,4-Dioxane	0.66		0.1	ug/L	15				10	175	

CHEMTECH

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BN030724

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: P1660-07MSD		**Client Sample ID: BP-VPB-195-GW-1000-1002MSD**						**DataFile: BN030339.D**			
n-Nitrosodimethylamine	0.63		0.09	ug/L	14		55	*	10	158	20
bis(2-Chloroethyl)ether	0.63		0.22	ug/L	35		80	*	27	159	20
Naphthalene	0.63		0.22	ug/L	35	*	69	*	62	119	20
Hexachlorobutadiene	0.63		0.18	ug/L	29		83	*	14	140	20
2-Methylnaphthalene	0.63		0.21	ug/L	33	*	75	*	70	118	20
Acenaphthylene	0.63		0.21	ug/L	33	*	93	*	53	123	20
Acenaphthene	0.63		0.21	ug/L	33	*	81	*	57	122	20
Total PAH	10.08		1.95	ug/L	19	*	92	*	57	122	20
Fluorene	0.63		0.22	ug/L	35	*	86	*	58	123	20
4,6-Dinitro-2-methylphenol	0.63		0.17	ug/L	27				20	150	20
4-Bromophenyl-phenylether	0.63		0.24	ug/L	38		104	*	20	150	20
Hexachlorobenzene	0.63		0.21	ug/L	33		100	*	31	160	20
Atrazine	0.63		0.25	ug/L	40		96	*	20	150	20
Pentachlorophenol	1.3		0.32	ug/L	25				10	179	20
Phenanthrene	0.63		0.26	ug/L	41	*	93	*	64	129	20
Anthracene	0.63		0.22	ug/L	35	*	104	*	67	127	20
Fluoranthene	0.63		0.17	ug/L	27	*	100	*	55	140	20
Pyrene	0.63		0.16	ug/L	25	*	94	*	59	137	20
Benzo(a)anthracene	0.63		0.09	ug/L	14	*	200	*	51	146	20
Chrysene	0.63		0.09	ug/L	14	*	80	*	61	126	20
bis(2-Ethylhexyl)phthalate	0.63	0.34	0.4	ug/L	10	*	4200	*	35	175	20
Benzo(b)fluoranthene	0.63		0.05	ug/L	8	*			60	123	20
Benzo(k)fluoranthene	0.63		0.05	ug/L	8	*			61	122	20
Benzo(a)pyrene	0.63		0	ug/L	0	*			54	129	20
Indeno(1,2,3-cd)pyrene	0.63		0	ug/L	0	*			50	134	20
Dibenz(a,h)anthracene	0.63		0	ug/L	0	*			53	121	20
Benzo(g,h,i)perylene	0.63			ug/L		*			44	132	20
1,4-Dioxane	0.63		0.16	ug/L	25		50	*	10	175	20

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BN030724

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P1590-02DL	RE120D1-2024022	BN030345.D	2-Methylnaphthalene-d10	0.4	0.38	95		30	150
			Fluoranthene-d10	0.4	0.41	102		30	150
			2-Fluorophenol	0.4	0.14	35		10	92
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.31	77		11	175
			2-Fluorobiphenyl	0.4	0.40	100		10	175
			2,4,6-Tribromophenol	0.4	0.30	75		24	148
			Terphenyl-d14	0.4	0.43	108		54	171
PB159312BL	PB159312BL	BN030343.D	2-Methylnaphthalene-d10	0.4	0.29	73		30	150
		BN030324.D	2-Methylnaphthalene-d10	0.4	0.29	72		30	150
			Fluoranthene-d10	0.4	0.29	72		30	150
		BN030343.D	Fluoranthene-d10	0.4	0.29	72		30	150
			2-Fluorophenol	0.4	0.30	74		10	92
		BN030324.D	2-Fluorophenol	0.4	0.28	69		10	92
			Phenol-d6	0.4	0.23	58		10	100
		BN030343.D	Phenol-d6	0.4	0.24	60		10	100
			Nitrobenzene-d5	0.4	0.27	66		11	175
		BN030324.D	Nitrobenzene-d5	0.4	0.27	67		11	175
			2-Fluorobiphenyl	0.4	0.27	68		10	175
		BN030343.D	2-Fluorobiphenyl	0.4	0.30	75		10	175
			2,4,6-Tribromophenol	0.4	0.16	41		24	148
		BN030324.D	2,4,6-Tribromophenol	0.4	0.17	42		24	148
			Terphenyl-d14	0.4	0.31	77		54	171
		BN030343.D	Terphenyl-d14	0.4	0.29	73		54	171
PB159312BS	PB159312BS	BN030325.D	2-Methylnaphthalene-d10	0.4	0.43	107		30	150
			Fluoranthene-d10	0.4	0.26	64		30	150
			2-Fluorophenol	0.4	0.34	84		10	92
			Phenol-d6	0.4	0.36	89		10	100
			Nitrobenzene-d5	0.4	0.30	74		11	175
			2-Fluorobiphenyl	0.4	0.33	83		10	175
			2,4,6-Tribromophenol	0.4	0.32	79		24	148
			Terphenyl-d14	0.4	0.34	84		54	171
PB159312BSD	PB159312BSD	BN030326.D	2-Methylnaphthalene-d10	0.4	0.46	114		30	150
			Fluoranthene-d10	0.4	0.28	69		30	150
			2-Fluorophenol	0.4	0.37	92		10	92
			Phenol-d6	0.4	0.37	94		10	100
			Nitrobenzene-d5	0.4	0.31	76		11	175
			2-Fluorobiphenyl	0.4	0.36	89		10	175
			2,4,6-Tribromophenol	0.4	0.31	77		24	148
			Terphenyl-d14	0.4	0.34	84		54	171

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BN030724

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P1615-05	RE134D2-2024022(	BN030327.D	2-Methylnaphthalene-d10	0.4	0.30	74		30	150
			Fluoranthene-d10	0.4	0.35	88		30	150
			2-Fluorophenol	0.4	0.10	25		10	92
			Phenol-d6	0.4	0.04	11		10	100
			Nitrobenzene-d5	0.4	0.24	60		11	175
			2-Fluorobiphenyl	0.4	0.29	73		10	175
			2,4,6-Tribromophenol	0.4	0.25	62		24	148
			Terphenyl-d14	0.4	0.35	88		54	171
P1615-05DL	RE134D2-2024022(	BN030346.D	2-Methylnaphthalene-d10	0.4	0.29	72		30	150
			Fluoranthene-d10	0.4	0.35	88		30	150
			2-Fluorophenol	0.4	0.10	25		10	92
			Phenol-d6	0.4	0.04	10		10	100
			Nitrobenzene-d5	0.4	0.24	60		11	175
			2-Fluorobiphenyl	0.4	0.29	72		10	175
			2,4,6-Tribromophenol	0.4	0.25	62		24	148
			Terphenyl-d14	0.4	0.38	94		54	171
P1615-06	RE114D1-2024022(	BN030328.D	2-Methylnaphthalene-d10	0.4	0.28	71		30	150
			Fluoranthene-d10	0.4	0.33	82		30	150
			2-Fluorophenol	0.4	0.09	23		10	92
			Phenol-d6	0.4	0.04	10		10	100
			Nitrobenzene-d5	0.4	0.24	60		11	175
			2-Fluorobiphenyl	0.4	0.28	69		10	175
			2,4,6-Tribromophenol	0.4	0.23	58		24	148
			Terphenyl-d14	0.4	0.33	81		54	171
P1615-10	RE125D3-2024022(	BN030329.D	2-Methylnaphthalene-d10	0.4	0.29	72		30	150
			Fluoranthene-d10	0.4	0.34	84		30	150
			2-Fluorophenol	0.4	0.09	23		10	92
			Phenol-d6	0.4	0.04	10		10	100
			Nitrobenzene-d5	0.4	0.24	59		11	175
			2-Fluorobiphenyl	0.4	0.29	72		10	175
			2,4,6-Tribromophenol	0.4	0.25	63		24	148
			Terphenyl-d14	0.4	0.44	110		54	171
P1615-11	GM38-RW3-MW1-	BN030330.D	2-Methylnaphthalene-d10	0.4	0.32	80		30	150
			Fluoranthene-d10	0.4	0.35	88		30	150
			2-Fluorophenol	0.4	0.09	23		10	92
			Phenol-d6	0.4	0.04	10		10	100
			Nitrobenzene-d5	0.4	0.24	59		11	175
			2-Fluorobiphenyl	0.4	0.32	79		10	175
			2,4,6-Tribromophenol	0.4	0.29	72		24	148
			Terphenyl-d14	0.4	0.38	95		54	171
P1615-12	TT174I1-20240227	BN030331.D	2-Methylnaphthalene-d10	0.4	0.25	62		30	150
			Fluoranthene-d10	0.4	0.30	76		30	150
			2-Fluorophenol	0.4	0.10	25		10	92
			Phenol-d6	0.4	0.05	12		10	100
			Nitrobenzene-d5	0.4	0.23	57		11	175
			2-Fluorobiphenyl	0.4	0.27	67		10	175
			2,4,6-Tribromophenol	0.4	0.23	57		24	148
			Terphenyl-d14	0.4	0.34	84		54	171
P1615-13	DUP08-20240227	BN030332.D	2-Methylnaphthalene-d10	0.4	0.22	56		30	150
			Fluoranthene-d10	0.4	0.27	68		30	150
			2-Fluorophenol	0.4	0.07	18		10	92

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BN030724

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1615-13	DUP08-20240227	BN030332.D	Phenol-d6	0.4	0.03	8	*	10	100
			Nitrobenzene-d5	0.4	0.20	49		11	175
			2-Fluorobiphenyl	0.4	0.24	59		10	175
			2,4,6-Tribromophenol	0.4	0.19	47		24	148
			Terphenyl-d14	0.4	0.35	88		54	171
P1615-14	TT101D2-2024022	BN030333.D	2-Methylnaphthalene-d10	0.4	0.25	62		30	150
			Fluoranthene-d10	0.4	0.28	70		30	150
			2-Fluorophenol	0.4	0.08	20		10	92
			Phenol-d6	0.4	0.03	9	*	10	100
			Nitrobenzene-d5	0.4	0.23	57		11	175
			2-Fluorobiphenyl	0.4	0.30	75		10	175
			2,4,6-Tribromophenol	0.4	0.21	53		24	148
			Terphenyl-d14	0.4	0.34	86		54	171

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BN030724

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P1660-01	BP-VPB-195-GW-9	BN030334.D	2-Methylnaphthalene-d10	0.4	0.24	60		30	150
			Fluoranthene-d10	0.4	0.26	65		30	150
			2-Fluorophenol	0.4	0.13	32		10	92
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.21	51		11	175
			2-Fluorobiphenyl	0.4	0.27	67		10	175
			2,4,6-Tribromophenol	0.4	0.23	57		24	148
			Terphenyl-d14	0.4	0.30	74		54	171
P1660-02	BP-VPB-195-EB-2(	BN030335.D	2-Methylnaphthalene-d10	0.4	0.27	67		30	150
			Fluoranthene-d10	0.4	0.30	75		30	150
			2-Fluorophenol	0.4	0.09	23		10	92
			Phenol-d6	0.4	0.04	10		10	100
			Nitrobenzene-d5	0.4	0.23	57		11	175
			2-Fluorobiphenyl	0.4	0.29	71		10	175
			2,4,6-Tribromophenol	0.4	0.14	34		24	148
			Terphenyl-d14	0.4	0.34	84		54	171
P1660-04	BP-VPB-195-GW-9	BN030336.D	2-Methylnaphthalene-d10	0.4	0.27	67		30	150
			Fluoranthene-d10	0.4	0.27	68		30	150
			2-Fluorophenol	0.4	0.11	28		10	92
			Phenol-d6	0.4	0.07	17		10	100
			Nitrobenzene-d5	0.4	0.21	53		11	175
			2-Fluorobiphenyl	0.4	0.28	69		10	175
			2,4,6-Tribromophenol	0.4	0.23	57		24	148
			Terphenyl-d14	0.4	0.34	84		54	171
P1660-05	BP-VPB-195-GW-1	BN030337.D	2-Methylnaphthalene-d10	0.4	0.11	28	*	30	150
			Fluoranthene-d10	0.4	0.07	17	*	30	150
			2-Fluorophenol	0.4	0.01	3	*	10	92
			Phenol-d6	0.4	0.01	3	*	10	100
			Nitrobenzene-d5	0.4	0.10	24		11	175
			2-Fluorobiphenyl	0.4	0.12	30		10	175
			2,4,6-Tribromophenol	0.4	0.02	4	*	24	148
			Terphenyl-d14	0.4	0.08	20	*	54	171
P1660-06MS	BP-VPB-195-GW-1	BN030338.D	2-Methylnaphthalene-d10	0.4	0.07	17	*	30	150
			Fluoranthene-d10	0.4	0.03	7	*	30	150
			2-Fluorophenol	0.4	0.01	1	*	10	92
			Phenol-d6	0.4	0.01	2	*	10	100
			Nitrobenzene-d5	0.4	0.05	13		11	175
			2-Fluorobiphenyl	0.4	0.06	15		10	175
			2,4,6-Tribromophenol	0.4	0.00	1	*	24	148
			Terphenyl-d14	0.4	0.03	8	*	54	171
P1660-07MSD	BP-VPB-195-GW-1	BN030339.D	2-Methylnaphthalene-d10	0.4	0.15	37		30	150
			Fluoranthene-d10	0.4	0.10	25	*	30	150
			2-Fluorophenol	0.4	0.06	14		10	92
			Phenol-d6	0.4	0.04	10		10	100
			Nitrobenzene-d5	0.4	0.12	29		11	175
			2-Fluorobiphenyl	0.4	0.14	36		10	175
			2,4,6-Tribromophenol	0.4	0.11	26		24	148
			Terphenyl-d14	0.4	0.11	27	*	54	171
PB159394BS	PB159394BS	BN030344.D	2-Methylnaphthalene-d10	0.4	0.42	104		30	150
			Fluoranthene-d10	0.4	0.27	67		30	150
			2-Fluorophenol	0.4	0.34	86		10	92

CHEMTECH

Surrogate Summary

SW-846

SDG No.: BN030724

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB159394BS	PB159394BS	BN030344.D	Phenol-d6	0.4	0.35	88		10	100
			Nitrobenzene-d5	0.4	0.30	74		11	175
			2-Fluorobiphenyl	0.4	0.34	84		10	175
			2,4,6-Tribromophenol	0.4	0.28	71		24	148
			Terphenyl-d14	0.4	0.31	76		54	171

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN030724

Lab Code: CHEM SAS No.: BN030724 SDG NO.: BN030724

Lab File ID: BN030322.D DFTPP Injection Date: 03/07/2024

Instrument ID: BNA_N DFTPP Injection Time: 12:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	44.4
68	Less than 2.0% of mass 69	0.9 (1.9) 1
69	Mass 69 relative abundance	50.8
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	57.9
197	Less than 2.0% of mass 198	0.8
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.2
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	4.7
441	Present, but less than mass 443	10.4
442	Greater than 50% of mass 198	58.6
443	15.0 - 24.0% of mass 442	12.7 (21.7) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN030323.D	03/07/2024	13:06
PB159312BL	PB159312BL	BN030324.D	03/07/2024	13:42
PB159312BS	PB159312BS	BN030325.D	03/07/2024	14:19
PB159312BSD	PB159312BSD	BN030326.D	03/07/2024	14:55
RE134D2-20240226	P1615-05	BN030327.D	03/07/2024	15:31
RE114D1-20240226	P1615-06	BN030328.D	03/07/2024	16:07
RE125D3-20240226	P1615-10	BN030329.D	03/07/2024	16:43
GM38-RW3-MW1-20240226	P1615-11	BN030330.D	03/07/2024	17:20
TT174I1-20240227	P1615-12	BN030331.D	03/07/2024	17:56
DUP08-20240227	P1615-13	BN030332.D	03/07/2024	18:32
TT101D2-20240227	P1615-14	BN030333.D	03/07/2024	19:08
BP-VPB-195-GW-940-942	P1660-01	BN030334.D	03/07/2024	19:44
BP-VPB-195-EB-20240228	P1660-02	BN030335.D	03/07/2024	20:20
BP-VPB-195-GW-960-962	P1660-04	BN030336.D	03/07/2024	20:56
BP-VPB-195-GW-1000-1002	P1660-05	BN030337.D	03/07/2024	21:32
BP-VPB-195-GW-1000-1002MS	P1660-06MS	BN030338.D	03/07/2024	22:08
BP-VPB-195-GW-1000-1002MSD	P1660-07MSD	BN030339.D	03/07/2024	22:44
SSTDCCC0.4EC	SSTDCCC0.4	BN030340.D	03/07/2024	23:56

CHEMTECH

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN030724

Lab Code: CHEM SAS No.: BN030724 SDG NO.: BN030724

Lab File ID: BN030341.D DFTPP Injection Date: 03/08/2024

Instrument ID: BNA_N DFTPP Injection Time: 01:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.3
68	Less than 2.0% of mass 69	0.9 (1.9) 1
69	Mass 69 relative abundance	49.4
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	56.9
197	Less than 2.0% of mass 198	1.1
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	26.1
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	64
443	15.0 - 24.0% of mass 442	12.5 (19.5) 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	BN030342.D	03/08/2024	02:20
PB159312BL	PB159312BL	BN030343.D	03/08/2024	03:30
PB159394BS	PB159394BS	BN030344.D	03/08/2024	04:05
RE120D1-20240222DL	P1590-02DL	BN030345.D	03/08/2024	04:41
RE134D2-20240226DL	P1615-05DL	BN030346.D	03/08/2024	05:17
SSTDCCC0.4EC	SSTDCCC0.4	BN030347.D	03/08/2024	06:29