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

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN080324 SAS No.: BN080324 SDG No.: BN080324

Instrument ID: BNA_N Calibration Date/Time: 8/2/2024 12: 20:59

Lab File ID: BN033212.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	0.612	0.526		-14.052	20.0
Fluoranthene-d10	1.035	0.844		-18.454	20.0
n-Nitrosodimethylamine	0.419	0.453		8.115	20.0
2-Fluorophenol	1.012	1.024		1.186	20.0
Phenol-d6	1.256	1.543		22.85	20.0
bis(2-Chloroethyl)ether	1.050	0.918		-12.571	20.0
Nitrobenzene-d5	0.301	0.290		-3.654	20.0
Naphthalene	1.108	1.052		-5.054	20.0
Hexachlorobutadiene	0.212	0.199		-6.132	20.0
2-Methylnaphthalene	0.724	0.585		-19.199	20.0
2-Fluorobiphenyl	1.489	1.485		-0.269	20.0
Acenaphthylene	1.627	1.648		1.291	20.0
Acenaphthene	1.153	1.110		-3.729	20.0
Fluorene	1.541	1.340		-13.043	20.0
4,6-Dinitro-2-methylphenol	0.056	0.011		-80.357	20.0
2,4,6-Tribromophenol	0.171	0.105		-38.596	20.0
4-Bromophenyl-phenylether	0.235	0.214		-8.936	20.0
Hexachlorobenzene	0.263	0.241		-8.365	20.0
Atrazine	0.173	0.164		-5.202	20.0
Pentachlorophenol	0.098	0.053		-45.918	20.0
Phenanthrene	1.093	0.954		-12.717	20.0
Anthracene	0.900	0.859		-4.556	20.0
Fluoranthene	1.323	1.063		-19.652	20.0
Pyrene	1.634	1.596		-2.326	20.0
Terphenyl-d14	0.820	0.779		-5.0	20.0
Benzo(a)anthracene	1.265	1.078		-14.783	20.0
Chrysene	1.504	1.391		-7.513	20.0
Bis(2-ethylhexyl)phthalate	0.700	0.827		18.143	20.0
Benzo(b)fluoranthene	1.393	1.106		-20.603	20.0
Benzo(k)fluoranthene	1.592	1.319		-17.148	20.0
Benzo(a)pyrene	1.256	1.099		-12.5	20.0
Indeno(1,2,3-cd)pyrene	1.577	1.588		0.698	20.0
Dibenzo(a,h)anthracene	1.245	1.243		-0.161	20.0
Benzo(g,h,i)perylene	1.379	1.393		1.015	20.0
1,4-Dioxane	0.496	0.514		3.629	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN080324 SAS No.: BN080324 SDG No.: BN080324

Instrument ID: BNA_N Calibration Date/Time: 8/3/2024 12: 07:59

Lab File ID: BN033228.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	0.612	0.548		-10.458	20.0
Fluoranthene-d10	1.035	0.846		-18.261	20.0
n-Nitrosodimethylamine	0.419	0.488		16.468	20.0
2-Fluorophenol	1.012	0.980		-3.162	20.0
Phenol-d6	1.256	1.220		-2.866	20.0
bis(2-Chloroethyl)ether	1.050	0.885		-15.714	20.0
Nitrobenzene-d5	0.301	0.293		-2.658	20.0
Naphthalene	1.108	1.046		-5.596	20.0
Hexachlorobutadiene	0.212	0.199		-6.132	20.0
2-Methylnaphthalene	0.724	0.605		-16.436	20.0
2-Fluorobiphenyl	1.489	1.432		-3.828	20.0
Acenaphthylene	1.627	1.592		-2.151	20.0
Acenaphthene	1.153	1.123		-2.602	20.0
Fluorene	1.541	1.413		-8.306	20.0
4,6-Dinitro-2-methylphenol	0.056	0.013		-76.786	20.0
2,4,6-Tribromophenol	0.171	0.112		-34.503	20.0
4-Bromophenyl-phenylether	0.235	0.216		-8.085	20.0
Hexachlorobenzene	0.263	0.229		-12.928	20.0
Atrazine	0.173	0.161		-6.936	20.0
Pentachlorophenol	0.098	0.053		-45.918	20.0
Phenanthrene	1.093	0.994		-9.058	20.0
Anthracene	0.900	0.809		-10.111	20.0
Fluoranthene	1.323	1.067		-19.35	20.0
Pyrene	1.634	1.752		7.222	20.0
Terphenyl-d14	0.820	0.856		4.39	20.0
Benzo(a)anthracene	1.265	1.013		-19.921	20.0
Chrysene	1.504	1.600		6.383	20.0
Bis(2-ethylhexyl)phthalate	0.700	0.763		9.0	20.0
Benzo(b)fluoranthene	1.393	1.112		-20.172	20.0
Benzo(k)fluoranthene	1.592	1.356		-14.824	20.0
Benzo(a)pyrene	1.256	1.090		-13.217	20.0
Indeno(1,2,3-cd)pyrene	1.577	1.448		-8.18	20.0
Dibenzo(a,h)anthracene	1.245	1.136		-8.755	20.0
Benzo(g,h,i)perylene	1.379	1.307		-5.221	20.0
1,4-Dioxane	0.496	0.550		10.887	20.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	PB162424BL			SDG No.:	BN080324
Lab Sample ID:	PB162424BL			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
BN033213.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162424

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

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	PB162424BL			SDG No.:	BN080324
Lab Sample ID:	PB162424BL			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
BN033213.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.313		30-150		78	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.323		30-150		81	SPK: -0.4
367-12-4	2-Fluorophenol	0.353		10-92		88	SPK: -0.4
13127-88-3	Phenol-d6	0.433	*	10-100		108	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.381		11-175		95	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.337		10-175		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.192		24-148		48	SPK: -0.4
1718-51-0	Terphenyl-d14	0.368		54-171		92	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1883	7.604				
1146-65-2	Naphthalene-d8	6150	10.436				
15067-26-2	Acenaphthene-d10	3521	14.197				
1517-22-2	Phenanthrene-d10	6022	16.989				
1719-03-5	Chrysene-d12	5074	21.158				
1520-96-3	Perylene-d12	6136	23.33				

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	PB162424BS			SDG No.:	BN080324
Lab Sample ID:	PB162424BS			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
BN033214.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.44		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.39		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.37		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.39		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.32		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.39		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.77		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.35		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.33		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.37		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.36		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.37		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.19	J	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.35		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.36		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.32		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.37		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.3		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.4		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.41		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.3		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.34		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.35		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.39		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.39		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.4		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.48		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	PB162424BS			SDG No.:	BN080324
Lab Sample ID:	PB162424BS			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
BN033214.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.351		30-150		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.325		30-150		81	SPK: -0.4
367-12-4	2-Fluorophenol	0.471	*	10-92		118	SPK: -0.4
13127-88-3	Phenol-d6	0.49	*	10-100		123	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.386		11-175		97	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.349		10-175		87	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.231		24-148		58	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	2342	7.51				
1146-65-2	Naphthalene-d8	7752	10.297				
15067-26-2	Acenaphthene-d10	4855	14.147				
1517-22-2	Phenanthrene-d10	8693	16.932				
1719-03-5	Chrysene-d12	6222	21.142				
1520-96-3	Perylene-d12	7164	23.317				

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	GW-S-864-9-14-073024			SDG No.:	BN080324
Lab Sample ID:	P3410-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033215.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.04	J	0.03	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.48	U	0.48	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.04	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.05	J	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.17	J	0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	J	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.05	J	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.05	J	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.05	J	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	8.4	E	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	GW-S-864-9-14-073024			SDG No.:	BN080324
Lab Sample ID:	P3410-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033215.D	1	8/1/2024 12:00:00 AM	8/2/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.323		30-150		81	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.364		30-150		91	SPK: -0.4
367-12-4	2-Fluorophenol	0.224		10-92		56	SPK: -0.4
13127-88-3	Phenol-d6	0.218		10-100		54	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.397		11-175		99	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.446		10-175		112	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.269		24-148		67	SPK: -0.4
1718-51-0	Terphenyl-d14	0.499		54-171		125	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2339	7.532				
1146-65-2	Naphthalene-d8	7916	10.298				
15067-26-2	Acenaphthene-d10	3958	14.137				
1517-22-2	Phenanthrene-d10	7205	16.92				
1719-03-5	Chrysene-d12	5794	21.134				
1520-96-3	Perylene-d12	6807	23.315				

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85			SDG No.:	BN080324
Lab Sample ID:	P3415-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033216.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.48	U	0.48	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.03	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.04	J	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.47		0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	J	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	J	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	J	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	J	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85			SDG No.:	BN080324
Lab Sample ID:	P3415-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033216.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.343		30-150		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.391		30-150		98	SPK: -0.4
367-12-4	2-Fluorophenol	0.205		10-92		51	SPK: -0.4
13127-88-3	Phenol-d6	0.119		10-100		30	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.455		11-175		114	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.37		10-175		93	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.293		24-148		73	SPK: -0.4
1718-51-0	Terphenyl-d14	0.527		54-171		132	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2330	7.532				
1146-65-2	Naphthalene-d8	6638	10.308				
15067-26-2	Acenaphthene-d10	4004	14.154				
1517-22-2	Phenanthrene-d10	8103	16.927				
1719-03-5	Chrysene-d12	6009	21.14				
1520-96-3	Perylene-d12	6853	23.324				

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85MS			SDG No.:	BN080324
Lab Sample ID:	P3415-04MS			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033217.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.14	J	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.51		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.34		0.03	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.25		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.34		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.41		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.72		0.48	0.1	1.6	ug/L
86-73-7	Fluorene	0.38		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.37		0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.36		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.31		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.45		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.55		0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.41		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.37		0.03	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.39		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.47		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.4		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.47		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.68		0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.41		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.45		0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.44		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.48		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.48		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.43		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.16	J	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85MS			SDG No.:	BN080324
Lab Sample ID:	P3415-04MS			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033217.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.338		30-150		84	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.365		30-150		91	SPK: -0.4
367-12-4	2-Fluorophenol	0.196		10-92		49	SPK: -0.4
13127-88-3	Phenol-d6	0.132		10-100		33	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.372		11-175		93	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.359		10-175		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.283		24-148		71	SPK: -0.4
1718-51-0	Terphenyl-d14	0.518		54-171		129	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2396	7.503				
1146-65-2	Naphthalene-d8	8090	10.266				
15067-26-2	Acenaphthene-d10	4611	14.133				
1517-22-2	Phenanthrene-d10	9453	16.915				
1719-03-5	Chrysene-d12	6458	21.14				
1520-96-3	Perylene-d12	6304	23.321				

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85MSD			SDG No.:	BN080324
Lab Sample ID:	P3415-05MSD			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033218.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.15	J	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.45		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.31		0.03	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.23		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.3		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.34		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	6.01		0.48	0.1	1.6	ug/L
86-73-7	Fluorene	0.34		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.37		0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.32		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.3		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.41		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.52		0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.37		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.34		0.03	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.35		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.42		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.39		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.42		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.41		0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.35		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.43		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.43		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.16	J	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85MSD			SDG No.:	BN080324
Lab Sample ID:	P3415-05MSD			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033218.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.311		30-150		78	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.328		30-150		82	SPK: -0.4
367-12-4	2-Fluorophenol	0.17		10-92		43	SPK: -0.4
13127-88-3	Phenol-d6	0.105		10-100		26	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.34		11-175		85	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.338		10-175		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.263		24-148		66	SPK: -0.4
1718-51-0	Terphenyl-d14	0.486		54-171		122	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2530	7.51				
1146-65-2	Naphthalene-d8	8615	10.266				
15067-26-2	Acenaphthene-d10	4385	14.137				
1517-22-2	Phenanthrene-d10	8776	16.92				
1719-03-5	Chrysene-d12	5889	21.134				
1520-96-3	Perylene-d12	6810	23.32				

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-106-121			SDG No.:	BN080324
Lab Sample ID:	P3416-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	890	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033219.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
Total PAH	Total PAH	0.5	U	0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.16	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.1	U	0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	J	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.29		0.16	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.08	U	0.08	0.22	0.22	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-106-121			SDG No.:	BN080324
Lab Sample ID:	P3416-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	890	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033219.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.149		30-150		37	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.185		30-150		46	SPK: -0.4
367-12-4	2-Fluorophenol	0.082		10-92		20	SPK: -0.4
13127-88-3	Phenol-d6	0.05		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.215		11-175		54	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.149		10-175		37	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.127		24-148		32	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	3507	7.532				
1146-65-2	Naphthalene-d8	10943	10.297				
15067-26-2	Acenaphthene-d10	6793	14.158				
1517-22-2	Phenanthrene-d10	13060	16.932				
1719-03-5	Chrysene-d12	8358	21.142				
1520-96-3	Perylene-d12	9800	23.32				

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-135-150			SDG No.:	BN080324
Lab Sample ID:	P3416-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033220.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

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

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-135-150			SDG No.:	BN080324
Lab Sample ID:	P3416-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033220.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.282		30-150		70	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.378		30-150		94	SPK: -0.4
367-12-4	2-Fluorophenol	0.168		10-92		42	SPK: -0.4
13127-88-3	Phenol-d6	0.113		10-100		28	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.358		11-175		90	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.307		10-175		77	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.264		24-148		66	SPK: -0.4
1718-51-0	Terphenyl-d14	0.497		54-171		124	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2456	7.524				
1146-65-2	Naphthalene-d8	7665	10.276				
15067-26-2	Acenaphthene-d10	4421	14.154				
1517-22-2	Phenanthrene-d10	9305	16.927				
1719-03-5	Chrysene-d12	7094	21.14				
1520-96-3	Perylene-d12	6522	23.321				

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-9999			SDG No.:	BN080324
Lab Sample ID:	P3416-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033221.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.46	U	0.46	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.38		0.14	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-9999			SDG No.:	BN080324
Lab Sample ID:	P3416-03			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033221.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.222		30-150		56	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.267		30-150		67	SPK: -0.4
367-12-4	2-Fluorophenol	0.139		10-92		35	SPK: -0.4
13127-88-3	Phenol-d6	0.086		10-100		22	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.282		11-175		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.246		10-175		62	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.19		24-148		47	SPK: -0.4
1718-51-0	Terphenyl-d14	0.372		54-171		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3098	7.539				
1146-65-2	Naphthalene-d8	10542	10.287				
15067-26-2	Acenaphthene-d10	6027	14.158				
1517-22-2	Phenanthrene-d10	12243	16.932				
1719-03-5	Chrysene-d12	8467	21.142				
1520-96-3	Perylene-d12	9215	23.323				

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124			SDG No.:	BN080324
Lab Sample ID:	P3426-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	950	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033222.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.21	0.21	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
Total PAH	Total PAH	0.48	U	0.48	0.11	1.76	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.21	0.21	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.21	0.21	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.11	0.11	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.16	J	0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.16	J	0.07	0.21	0.21	ug/L

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124			SDG No.:	BN080324
Lab Sample ID:	P3426-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	950	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033222.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.246		30-150		62	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.258		30-150		64	SPK: -0.4
367-12-4	2-Fluorophenol	0.131		10-92		33	SPK: -0.4
13127-88-3	Phenol-d6	0.099		10-100		25	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.295		11-175		74	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.271		10-175		68	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.243		24-148		61	SPK: -0.4
1718-51-0	Terphenyl-d14	0.387		54-171		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2713	7.561				
1146-65-2	Naphthalene-d8	9334	10.287				
15067-26-2	Acenaphthene-d10	5305	14.144				
1517-22-2	Phenanthrene-d10	11116	16.915				
1719-03-5	Chrysene-d12	7181	21.131				
1520-96-3	Perylene-d12	7529	23.304				

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124-FD			SDG No.:	BN080324
Lab Sample ID:	P3426-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	500	Units:	mL	Final Vol:	500 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
BN033223.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.11	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124-FD			SDG No.:	BN080324
Lab Sample ID:	P3426-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	500	Units:	mL	Final Vol:	500 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
BN033223.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.065		30-150		32	SPK: -0.2
93951-69-0	Fluoranthene-d10	0.086		30-150		43	SPK: -0.2
367-12-4	2-Fluorophenol	0.064		10-92		32	SPK: -0.2
13127-88-3	Phenol-d6	0.076		10-100		38	SPK: -0.2
4165-60-0	Nitrobenzene-d5	0.084		11-175		42	SPK: -0.2
321-60-8	2-Fluorobiphenyl	0.084		10-175		42	SPK: -0.2
118-79-6	2,4,6-Tribromophenol	0.0755		24-148		38	SPK: -0.2
1718-51-0	Terphenyl-d14	0.2735		54-171		137	SPK: -0.2
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4557	7.51				
1146-65-2	Naphthalene-d8	15575	10.266				
15067-26-2	Acenaphthene-d10	7686	14.137				
1517-22-2	Phenanthrene-d10	15096	16.908				
1719-03-5	Chrysene-d12	13422	21.125				
1520-96-3	Perylene-d12	14336	23.3				

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	926-K1-WS-073124			SDG No.:	BN080324
Lab Sample ID:	P3429-01			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
BN033224.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

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

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	926-K1-WS-073124			SDG No.:	BN080324
Lab Sample ID:	P3429-01			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
BN033224.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.267		30-150		67	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.287		30-150		72	SPK: -0.4
367-12-4	2-Fluorophenol	0.201		10-92		50	SPK: -0.4
13127-88-3	Phenol-d6	0.133		10-100		33	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.346		11-175		86	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.3		10-175		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.243		24-148		61	SPK: -0.4
1718-51-0	Terphenyl-d14	0.363		54-171		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2821	7.546				
1146-65-2	Naphthalene-d8	9529	10.308				
15067-26-2	Acenaphthene-d10	5486	14.143				
1517-22-2	Phenanthrene-d10	10801	16.914				
1719-03-5	Chrysene-d12	8085	21.131				
1520-96-3	Perylene-d12	8932	23.301				

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	931-K1-WS-073124			SDG No.:	BN080324
Lab Sample ID:	P3429-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033225.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.22		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	931-K1-WS-073124			SDG No.:	BN080324
Lab Sample ID:	P3429-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033225.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.274		30-150		68	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.305		30-150		76	SPK: -0.4
367-12-4	2-Fluorophenol	0.247		10-92		62	SPK: -0.4
13127-88-3	Phenol-d6	0.173		10-100		43	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.361		11-175		90	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.337		10-175		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.291		24-148		73	SPK: -0.4
1718-51-0	Terphenyl-d14	0.387		54-171		97	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2742	7.517				
1146-65-2	Naphthalene-d8	9926	10.265				
15067-26-2	Acenaphthene-d10	5088	14.137				
1517-22-2	Phenanthrene-d10	10190	16.908				
1719-03-5	Chrysene-d12	8225	21.125				
1520-96-3	Perylene-d12	9153	23.303				

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	925-K1-WS-073124			SDG No.:	BN080324
Lab Sample ID:	P3429-03			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
BN033226.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.03	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.44		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	925-K1-WS-073124			SDG No.:	BN080324
Lab Sample ID:	P3429-03			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
BN033226.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.291		30-150		73	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.326		30-150		81	SPK: -0.4
367-12-4	2-Fluorophenol	0.21		10-92		52	SPK: -0.4
13127-88-3	Phenol-d6	0.149		10-100		37	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.217		11-175		54	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.336		10-175		84	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.324		24-148		81	SPK: -0.4
1718-51-0	Terphenyl-d14	0.444		54-171		111	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2644	7.532				
1146-65-2	Naphthalene-d8	9712	10.276				
15067-26-2	Acenaphthene-d10	5265	14.137				
1517-22-2	Phenanthrene-d10	11002	16.908				
1719-03-5	Chrysene-d12	7647	21.125				
1520-96-3	Perylene-d12	8319	23.303				

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Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162464BL			SDG No.:	BN080324
Lab Sample ID:	PB162464BL			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
BN033229.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

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

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Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162464BL			SDG No.:	BN080324
Lab Sample ID:	PB162464BL			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
BN033229.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.256		30-150		64	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.289		30-150		72	SPK: -0.4
367-12-4	2-Fluorophenol	0.276		10-92		69	SPK: -0.4
13127-88-3	Phenol-d6	0.29		10-100		72	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.328		11-175		82	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.309		10-175		77	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.151		24-148		38	SPK: -0.4
1718-51-0	Terphenyl-d14	0.309		54-171		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2808	7.683				
1146-65-2	Naphthalene-d8	8511	10.468				
15067-26-2	Acenaphthene-d10	4332	14.208				
1517-22-2	Phenanthrene-d10	7325	17.001				
1719-03-5	Chrysene-d12	6215	21.167				
1520-96-3	Perylene-d12	7022	23.336				

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Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162464BS			SDG No.:	BN080324
Lab Sample ID:	PB162464BS			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
BN033230.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.47		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.45		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.38		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.37		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.32		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.38		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.39		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.83		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.36		0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.37		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.36		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.36		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.19	J	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.36		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.37		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.32		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.41		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.3		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.41		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.46		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.3		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.35		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.34		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.38		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.4		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.47		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM
Project:				Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162464BS			SDG No.:	BN080324
Lab Sample ID:	PB162464BS			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
BN033230.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.359		30-150		90	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.324		30-150		81	SPK: -0.4
367-12-4	2-Fluorophenol	0.43	*	10-92		108	SPK: -0.4
13127-88-3	Phenol-d6	0.448	*	10-100		112	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.417		11-175		104	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.378		10-175		94	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.232		24-148		58	SPK: -0.4
1718-51-0	Terphenyl-d14	0.398		54-171		100	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2491	7.51				
1146-65-2	Naphthalene-d8	9091	10.297				
15067-26-2	Acenaphthene-d10	5314	14.147				
1517-22-2	Phenanthrene-d10	9888	16.932				
1719-03-5	Chrysene-d12	6438	21.151				
1520-96-3	Perylene-d12	7501	23.329				

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Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124	SDG No.:	BN080324
Lab Sample ID:	P3440-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	910 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
BN033231.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
Total PAH	Total PAH	0.5	U	0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.1	U	0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.19	J	0.15	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.22	0.22	ug/L

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124			SDG No.:	BN080324
Lab Sample ID:	P3440-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	910	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
BN033231.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.244		30-150		61	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.308		30-150		77	SPK: -0.4
367-12-4	2-Fluorophenol	0.137		10-92		34	SPK: -0.4
13127-88-3	Phenol-d6	0.095		10-100		24	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.239		11-175		60	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.283		10-175		71	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.239		24-148		60	SPK: -0.4
1718-51-0	Terphenyl-d14	0.356		54-171		89	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2957	7.524				
1146-65-2	Naphthalene-d8	9517	10.297				
15067-26-2	Acenaphthene-d10	5295	14.144				
1517-22-2	Phenanthrene-d10	10012	16.915				
1719-03-5	Chrysene-d12	8930	21.131				
1520-96-3	Perylene-d12	10262	23.307				

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MS			SDG No.:	BN080324
Lab Sample ID:	P3440-02MS			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
BN033232.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.16	J	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.45		0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.31		0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.27		0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.3		0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.36		0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.38		0.02	0.11	0.11	ug/L
Total PAH	Total PAH	6.48		0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.39		0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.16	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.32		0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.31		0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.46		0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.68		0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.6		0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.39		0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.5		0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.53		0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.4		0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.3		0.16	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.36		0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.34		0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.2	J	0.08	0.22	0.22	ug/L

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MS			SDG No.:	BN080324
Lab Sample ID:	P3440-02MS			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
BN033232.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.3		30-150		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.312		30-150		78	SPK: -0.4
367-12-4	2-Fluorophenol	0.165		10-92		41	SPK: -0.4
13127-88-3	Phenol-d6	0.111		10-100		28	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.282		11-175		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.3		10-175		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.284		24-148		71	SPK: -0.4
1718-51-0	Terphenyl-d14	0.477		54-171		119	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2735	7.51				
1146-65-2	Naphthalene-d8	9491	10.276				
15067-26-2	Acenaphthene-d10	5337	14.126				
1517-22-2	Phenanthrene-d10	10317	16.895				
1719-03-5	Chrysene-d12	7725	21.125				
1520-96-3	Perylene-d12	7969	23.303				

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MSD			SDG No.:	BN080324
Lab Sample ID:	P3440-03MSD			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	910	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
BN033233.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.22		0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.46		0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.35		0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.3		0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.32		0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.4		0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.45		0.02	0.11	0.11	ug/L
Total PAH	Total PAH	7.09		0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.45		0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.36		0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.34		0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.51		0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.76		0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.67		0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.44		0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.54		0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.57		0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.47		0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.39		0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.31		0.15	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.39		0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.42		0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.41		0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.4		0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.38		0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.2	J	0.07	0.22	0.22	ug/L

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	923-K1-WS-080124MSD			SDG No.:	BN080324
Lab Sample ID:	P3440-03MSD			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	910	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
BN033233.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.324		30-150		81	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.335		30-150		84	SPK: -0.4
367-12-4	2-Fluorophenol	0.174		10-92		43	SPK: -0.4
13127-88-3	Phenol-d6	0.125		10-100		31	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.33		11-175		83	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.347		10-175		87	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.333		24-148		83	SPK: -0.4
1718-51-0	Terphenyl-d14	0.535		54-171		134	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2521	7.503				
1146-65-2	Naphthalene-d8	8200	10.276				
15067-26-2	Acenaphthene-d10	4479	14.126				
1517-22-2	Phenanthrene-d10	9624	16.908				
1719-03-5	Chrysene-d12	6930	21.125				
1520-96-3	Perylene-d12	7608	23.303				

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	922-K1-WS-080124			SDG No.:	BN080324
Lab Sample ID:	P3440-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	930	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033234.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
Total PAH	Total PAH	0.48	U	0.48	0.11	1.76	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.15	U	0.15	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.1	U	0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.04	J	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.04	J	0.02	0.11	0.11	ug/L
129-00-0	Pyrene	0.03	J	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.27		0.15	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.22	0.22	ug/L

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	922-K1-WS-080124			SDG No.:	BN080324
Lab Sample ID:	P3440-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	930	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033234.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.272		30-150		68	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.342		30-150		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.155		10-92		39	SPK: -0.4
13127-88-3	Phenol-d6	0.092		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.298		11-175		75	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.289		10-175		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.282		24-148		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.594		54-171		148	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2484	7.539				
1146-65-2	Naphthalene-d8	8664	10.298				
15067-26-2	Acenaphthene-d10	4994	14.144				
1517-22-2	Phenanthrene-d10	10648	16.915				
1719-03-5	Chrysene-d12	7008	21.131				
1520-96-3	Perylene-d12	6904	23.312				

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	921-J-WS-080124			SDG No.:	BN080324
Lab Sample ID:	P3451-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033235.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.05	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.06	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.04	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.19	J	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	8/1/2024 12:00:00 AM
Project:				Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	921-J-WS-080124			SDG No.:	BN080324
Lab Sample ID:	P3451-01			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033235.D	1	8/2/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.251		30-150		63	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.316		30-150		79	SPK: -0.4
367-12-4	2-Fluorophenol	0.117		10-92		29	SPK: -0.4
13127-88-3	Phenol-d6	0.067		10-100		17	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.282		11-175		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.312		10-175		78	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.281		24-148		70	SPK: -0.4
1718-51-0	Terphenyl-d14	0.393		54-171		98	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2724	7.546				
1146-65-2	Naphthalene-d8	9391	10.276				
15067-26-2	Acenaphthene-d10	4760	14.137				
1517-22-2	Phenanthrene-d10	9238	16.908				
1719-03-5	Chrysene-d12	7133	21.125				
1520-96-3	Perylene-d12	7838	23.306				

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	GW-S-864-9-14-073024DL			SDG No.:	BN080324
Lab Sample ID:	P3410-01DL			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033236.D	5	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.16	U	0.16	1	1	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.15	U	0.15	0.52	0.52	ug/L
91-20-3	Naphthalene	0.13	U	0.13	0.52	0.52	ug/L
87-68-3	Hexachlorobutadiene	0.14	U	0.14	0.52	0.52	ug/L
91-57-6	2-Methylnaphthalene	0.16	U	0.16	0.52	0.52	ug/L
208-96-8	Acenaphthylene	0.11	U	0.11	0.52	0.52	ug/L
Total PAH	Total PAH	2.37	U	2.37	0.52	8.32	ug/L
83-32-9	Acenaphthene	0.1	U	0.1	0.52	0.52	ug/L
86-73-7	Fluorene	0.09	U	0.09	0.52	0.52	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.73	U	0.73	1	1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.14	U	0.14	0.52	0.52	ug/L
118-74-1	Hexachlorobenzene	0.15	U	0.15	0.52	0.52	ug/L
1912-24-9	Atrazine	0.12	U	0.12	0.52	0.52	ug/L
87-86-5	Pentachlorophenol	0.47	U	0.47	1	1	ug/L
85-01-8	Phenanthrene	0.1	U	0.1	0.52	0.52	ug/L
120-12-7	Anthracene	0.13	U	0.13	0.52	0.52	ug/L
206-44-0	Fluoranthene	0.12	U	0.12	0.52	0.52	ug/L
129-00-0	Pyrene	0.11	U	0.11	0.52	0.52	ug/L
56-55-3	Benzo(a)anthracene	0.11	U	0.11	0.52	0.52	ug/L
218-01-9	Chrysene	0.14	U	0.14	0.52	0.52	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.73	U	0.73	1	1	ug/L
205-99-2	Benzo(b)fluoranthene	0.17	U	0.17	0.52	0.52	ug/L
207-08-9	Benzo(k)fluoranthene	0.18	U	0.18	0.52	0.52	ug/L
50-32-8	Benzo(a)pyrene	0.29	U	0.29	0.52	0.52	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.2	U	0.2	0.52	0.52	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.2	U	0.2	0.52	0.52	ug/L
191-24-2	Benzo(g,h,i)perylene	0.19	U	0.19	0.52	0.52	ug/L
123-91-1	1,4-Dioxane	9.2	D	0.35	1	1	ug/L

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Report of Analysis

Client:				Date Collected:	7/30/2024 12:00:00 AM
Project:				Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	GW-S-864-9-14-073024DL			SDG No.:	BN080324
Lab Sample ID:	P3410-01DL			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	960	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033236.D	5	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.295		30-150		74	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.34		30-150		85	SPK: -0.4
367-12-4	2-Fluorophenol	0.09		10-92		23	SPK: -0.4
13127-88-3	Phenol-d6	0	U	10-100		0	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.35		11-175		88	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.35		10-175		88	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.235		24-148		59	SPK: -0.4
1718-51-0	Terphenyl-d14	0.51		54-171		127	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	1924	7.589				
1146-65-2	Naphthalene-d8	7464	10.404				
15067-26-2	Acenaphthene-d10	4609	14.169				
1517-22-2	Phenanthrene-d10	8580	16.957				
1719-03-5	Chrysene-d12	5991	21.16				
1520-96-3	Perylene-d12	6680	23.335				

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124-FDRE			SDG No.:	BN080324
Lab Sample ID:	P3426-02RE			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	500	Units:	mL	Final Vol:	500 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
BN033237.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.11	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	7/31/2024 12:00:00 AM
Project:				Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	927-K1-WS-073124-FDRE			SDG No.:	BN080324
Lab Sample ID:	P3426-02RE			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	500	Units:	mL	Final Vol:	500 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
BN033237.D	1	8/1/2024 12:00:00 AM	8/3/2024 12:00:00 AM	PB162424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.0665		30-150		33	SPK: -0.2
93951-69-0	Fluoranthene-d10	0.0885		30-150		44	SPK: -0.2
367-12-4	2-Fluorophenol	0.0635		10-92		32	SPK: -0.2
13127-88-3	Phenol-d6	0.0745		10-100		37	SPK: -0.2
4165-60-0	Nitrobenzene-d5	0.083		11-175		41	SPK: -0.2
321-60-8	2-Fluorobiphenyl	0.081		10-175		41	SPK: -0.2
118-79-6	2,4,6-Tribromophenol	0.0765		24-148		38	SPK: -0.2
1718-51-0	Terphenyl-d14	0.333		54-171		166	SPK: -0.2
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	4565	7.517				
1146-65-2	Naphthalene-d8	16642	10.265				
15067-26-2	Acenaphthene-d10	9402	14.137				
1517-22-2	Phenanthrene-d10	19875	16.908				
1719-03-5	Chrysene-d12	14622	21.134				
1520-96-3	Perylene-d12	14874	23.306				

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SP6586			SDG No.:	BN080324
Lab Sample ID:	SP6586			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 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
BN033238.D	1		8/3/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	30	U	30	200	200	ug/L
111-44-4	bis(2-Chloroethyl)ether	28	U	28	100	100	ug/L
91-20-3	Naphthalene	24	U	24	100	100	ug/L
87-68-3	Hexachlorobutadiene	26	U	26	100	100	ug/L
91-57-6	2-Methylnaphthalene	30	U	30	100	100	ug/L
208-96-8	Acenaphthylene	21	U	21	100	100	ug/L
83-32-9	Acenaphthene	20	U	20	100	100	ug/L
Total PAH	Total PAH	456	U	456	100	1600	ug/L
86-73-7	Fluorene	18	U	18	100	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	200	200	ug/L
101-55-3	4-Bromophenyl-phenylether	26	U	26	100	100	ug/L
118-74-1	Hexachlorobenzene	29	U	29	100	100	ug/L
1912-24-9	Atrazine	23	U	23	100	100	ug/L
87-86-5	Pentachlorophenol	90	U	90	200	200	ug/L
85-01-8	Phenanthrene	20	U	20	100	100	ug/L
120-12-7	Anthracene	24	U	24	100	100	ug/L
206-44-0	Fluoranthene	23	U	23	100	100	ug/L
129-00-0	Pyrene	22	U	22	100	100	ug/L
56-55-3	Benzo(a)anthracene	22	U	22	100	100	ug/L
218-01-9	Chrysene	26	U	26	100	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	200	200	ug/L
205-99-2	Benzo(b)fluoranthene	32	U	32	100	100	ug/L
207-08-9	Benzo(k)fluoranthene	34	U	34	100	100	ug/L
50-32-8	Benzo(a)pyrene	56	U	56	100	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	100	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	39	U	39	100	100	ug/L
191-24-2	Benzo(g,h,i)perylene	37	U	37	100	100	ug/L
123-91-1	1,4-Dioxane	68	U	68	200	200	ug/L

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Report of Analysis

Client:				Date Collected:	
Project:				Date Received:	
Client Sample ID:	SP6586			SDG No.:	BN080324
Lab Sample ID:	SP6586			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000 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
BN033238.D	1		8/3/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	325	*	30-150		81250	SPK: -0.4
93951-69-0	Fluoranthene-d10	340	*	30-150		85000	SPK: -0.4
367-12-4	2-Fluorophenol	310	*	10-92		77500	SPK: -0.4
13127-88-3	Phenol-d6	373	*	10-100		93250	SPK: -0.4
4165-60-0	Nitrobenzene-d5	377	*	11-175		94250	SPK: -0.4
321-60-8	2-Fluorobiphenyl	331	*	10-175		82750	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	203	*	24-148		50750	SPK: -0.4
1718-51-0	Terphenyl-d14	382	*	54-171		95500	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2767	7.705				
1146-65-2	Naphthalene-d8	7677	10.447				
15067-26-2	Acenaphthene-d10	4555	14.197				
1517-22-2	Phenanthrene-d10	7512	16.989				
1719-03-5	Chrysene-d12	5867	21.167				
1520-96-3	Perylene-d12	7187	23.342				

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Hit Summary Sheet
SW-846

SDG No.: BN080324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : GW-S-864-9-14-073024								
P3410-01	GW-S-864-9-14-073024	Water	1,4-Dioxane	8.400	E	0.07	0.21	ug/L
P3410-01	GW-S-864-9-14-073024	Water	Benzo(a)anthracene	0.040	J	0.02	0.1	ug/L
P3410-01	GW-S-864-9-14-073024	Water	Benzo(b)fluoranthene	0.040	J	0.03	0.1	ug/L
P3410-01	GW-S-864-9-14-073024	Water	Benzo(g,h,i)perylene	0.050	J	0.04	0.1	ug/L
P3410-01	GW-S-864-9-14-073024	Water	Benzo(k)fluoranthene	0.040	J	0.04	0.1	ug/L
P3410-01	GW-S-864-9-14-073024	Water	Bis(2-ethylhexyl)phthalate	0.170	J	0.15	0.21	ug/L
P3410-01	GW-S-864-9-14-073024	Water	Chrysene	0.050	J	0.03	0.1	ug/L
P3410-01	GW-S-864-9-14-073024	Water	Dibenzo(a,h)anthracene	0.050	J	0.04	0.1	ug/L
P3410-01	GW-S-864-9-14-073024	Water	Indeno(1,2,3-cd)pyrene	0.050	J	0.04	0.1	ug/L
P3410-01	GW-S-864-9-14-073024	Water	Naphthalene	0.040	J	0.03	0.1	ug/L
			Total Svoc :	**8.93**				
			Total Concentration:	**8.93**				
Client ID : GW-S-864-9-14-073024DL								
P3410-01DL	GW-S-864-9-14-073024[	Water	1,4-Dioxane	9.200	D	0.35	1	ug/L
			Total Svoc :	**9.20**				
			Total Concentration:	**9.20**				
Client ID : MLS-15-70-85								
P3415-03	MLS-15-70-85	Water	Benzo(a)anthracene	0.030	J	0.02	0.1	ug/L
P3415-03	MLS-15-70-85	Water	Benzo(b)fluoranthene	0.040	J	0.03	0.1	ug/L
P3415-03	MLS-15-70-85	Water	Benzo(g,h,i)perylene	0.040	J	0.04	0.1	ug/L
P3415-03	MLS-15-70-85	Water	Benzo(k)fluoranthene	0.040	J	0.04	0.1	ug/L
P3415-03	MLS-15-70-85	Water	Bis(2-ethylhexyl)phthalate	0.470		0.15	0.21	ug/L
P3415-03	MLS-15-70-85	Water	Chrysene	0.040	J	0.03	0.1	ug/L
P3415-03	MLS-15-70-85	Water	Dibenzo(a,h)anthracene	0.040	J	0.04	0.1	ug/L
P3415-03	MLS-15-70-85	Water	Indeno(1,2,3-cd)pyrene	0.040	J	0.04	0.1	ug/L
			Total Svoc :	**0.74**				
			Total Concentration:	**0.74**				
Client ID : MLS-15-106-121								
P3416-01	MLS-15-106-121	Water	Bis(2-ethylhexyl)phthalate	0.290		0.16	0.22	ug/L
P3416-01	MLS-15-106-121	Water	Chrysene	0.030	J	0.03	0.11	ug/L
			Total Svoc :	**0.32**				
			Total Concentration:	**0.32**				
Client ID : MLS-15-135-150								
P3416-02	MLS-15-135-150	Water	Bis(2-ethylhexyl)phthalate	0.330		0.14	0.2	ug/L
			Total Svoc :	**0.33**				

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Hit Summary Sheet
SW-846

SDG No.: BN080324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			**0.33**		
Client ID :	**MLS-15-9999**							
P3416-03	MLS-15-9999	Water	Bis(2-ethylhexyl)phthalate	0.380		0.14	0.21	ug/L
			Total Svoc :			**0.38**		
			Total Concentration:			**0.38**		
Client ID :	**927-K1-WS-073124**							
P3426-01	927-K1-WS-073124	Water	1,4-Dioxane	0.160	J	0.07	0.21	ug/L
P3426-01	927-K1-WS-073124	Water	Bis(2-ethylhexyl)phthalate	0.160	J	0.15	0.21	ug/L
			Total Svoc :			**0.32**		
			Total Concentration:			**0.32**		
Client ID :	**927-K1-WS-073124-FD**							
P3426-02	927-K1-WS-073124-FD	Water	1,4-Dioxane	0.110	J	0.07	0.2	ug/L
			Total Svoc :			**0.11**		
			Total Concentration:			**0.11**		
Client ID :	**927-K1-WS-073124-FDRE**							
P3426-02RE	927-K1-WS-073124-FDR	Water	1,4-Dioxane	0.110	J	0.07	0.2	ug/L
			Total Svoc :			**0.11**		
			Total Concentration:			**0.11**		
Client ID :	**926-K1-WS-073124**							
P3429-01	926-K1-WS-073124	Water	1,4-Dioxane	0.170	J	0.07	0.2	ug/L
			Total Svoc :			**0.17**		
			Total Concentration:			**0.17**		
Client ID :	**931-K1-WS-073124**							
P3429-02	931-K1-WS-073124	Water	Bis(2-ethylhexyl)phthalate	0.220		0.14	0.2	ug/L
			Total Svoc :			**0.22**		
			Total Concentration:			**0.22**		
Client ID :	**925-K1-WS-073124**							
P3429-03	925-K1-WS-073124	Water	1,4-Dioxane	0.440		0.07	0.2	ug/L
P3429-03	925-K1-WS-073124	Water	Benzo(b)fluoranthene	0.030	J	0.03	0.1	ug/L
P3429-03	925-K1-WS-073124	Water	Fluoranthene	0.030	J	0.02	0.1	ug/L
P3429-03	925-K1-WS-073124	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :			**0.53**		
			Total Concentration:			**0.53**		
Client ID :	**923-K1-WS-080124**							
P3440-01	923-K1-WS-080124	Water	Bis(2-ethylhexyl)phthalate	0.190	J	0.15	0.22	ug/L
			Total Svoc :			**0.19**		
			Total Concentration:			**0.19**		

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Hit Summary Sheet
SW-846

SDG No.: BN080324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : 922-K1-WS-080124								
P3440-04	922-K1-WS-080124	Water	Bis(2-ethylhexyl)phthalate	0.270		0.15	0.22	ug/L
P3440-04	922-K1-WS-080124	Water	Fluoranthene	0.040	J	0.02	0.11	ug/L
P3440-04	922-K1-WS-080124	Water	Phenanthrene	0.040	J	0.02	0.11	ug/L
P3440-04	922-K1-WS-080124	Water	Pyrene	0.030	J	0.02	0.11	ug/L
			Total Svoc :	**0.38**				
			Total Concentration:	**0.38**				
Client ID : 921-J-WS-080124								
P3451-01	921-J-WS-080124	Water	Benzo(b)fluoranthene	0.030	J	0.03	0.1	ug/L
P3451-01	921-J-WS-080124	Water	Bis(2-ethylhexyl)phthalate	0.190	J	0.14	0.2	ug/L
P3451-01	921-J-WS-080124	Water	Fluoranthene	0.060	J	0.02	0.1	ug/L
P3451-01	921-J-WS-080124	Water	Phenanthrene	0.050	J	0.02	0.1	ug/L
P3451-01	921-J-WS-080124	Water	Pyrene	0.040	J	0.02	0.1	ug/L
			Total Svoc :	**0.37**				
			Total Concentration:	**0.37**				

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN071124 SAS No.: BN071124 SDG No.: BN071124

Instrument ID: Calibration Date(s): 7/10/2024

Calibration Time(s): 15:54

LAB FILE ID: RRF0.1 = BN032616.D RRF0.2 = BN032617.D RRF0.4 = BN032618.D
RRF0.8 = BN032619.D RRF1.6 = BN032620.D RRF3.2 = BN032621.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.594	0.576	0.597	0.657	0.650	0.596	0.612	5.0
Fluoranthene-d10	1.009	0.987	0.986	1.101	1.097	1.018	1.035	4.7
n-Nitrosodimethylamine	0.451	0.408	0.421	0.441	0.428	0.400	0.419	5.7
2-Fluorophenol	1.089	0.979	1.038	1.043	1.009	0.974	1.012	4.8
Phenol-d6	1.214	1.102	1.258	1.297	1.331	1.282	1.256	6.2
bis(2-Chloroethyl)ether	0.977	0.841	1.059	1.258	1.054	1.062	1.050	12.0
Nitrobenzene-d5	0.268	0.271	0.291	0.331	0.328	0.310	0.301	8.5
Naphthalene	1.116	1.074	1.103	1.173	1.147	1.071	1.108	3.7
Hexachlorobutadiene	0.228	0.216	0.214	0.222	0.212	0.197	0.212	5.9
2-Methylnaphthalene	0.677	0.665	0.697	0.784	0.785	0.720	0.724	6.6
2-Fluorobiphenyl	1.471	1.388	1.485	1.608	1.547	1.475	1.489	4.7
Acenaphthylene	1.493	1.457	1.495	1.715	1.765	1.718	1.627	8.5
Acenaphthene	1.117	1.088	1.142	1.251	1.212	1.134	1.153	5.0
Fluorene	1.504	1.473	1.523	1.674	1.635	1.470	1.541	5.2
4,6-Dinitro-2-methylphenol		0.028	0.034	0.053	0.065	0.071	0.056	39.5
2,4,6-Tribromophenol	0.168	0.150	0.153	0.174	0.183	0.173	0.171	9.4
4-Bromophenyl-phenylether	0.235	0.219	0.231	0.245	0.244	0.237	0.235	3.8
Hexachlorobenzene	0.270	0.254	0.258	0.277	0.272	0.262	0.263	3.9
Atrazine	0.164	0.156	0.155	0.182	0.188	0.177	0.173	8.6
Pentachlorophenol	0.113	0.080	0.081	0.093	0.100	0.103	0.098	14.1
Phenanthrene	1.036	0.986	1.058	1.197	1.172	1.108	1.093	6.8
Anthracene	0.760	0.742	0.789	0.963	1.024	1.001	0.900	14.4
Fluoranthene	1.263	1.235	1.250	1.418	1.430	1.316	1.323	6.0
Pyrene	1.719	1.569	1.692	1.772	1.676	1.506	1.634	6.6
Terphenyl-d14	0.861	0.794	0.846	0.886	0.841	0.744	0.820	6.4
Benzo(a)anthracene	1.224	1.077	1.198	1.352	1.336	1.313	1.265	8.2
Chrysene	1.490	1.507	1.549	1.597	1.576	1.397	1.504	5.2
Bis(2-ethylhexyl)phthalate	0.701	0.684	0.604	0.695	0.711	0.703	0.700	8.3
Benzo(b)fluoranthene	1.190	1.195	1.313	1.544	1.566	1.434	1.393	11.5
Benzo(k)fluoranthene	1.502	1.528	1.587	1.770	1.684	1.561	1.592	6.3
Benzo(a)pyrene	1.200	1.142	1.203	1.362	1.344	1.272	1.256	6.4
Indeno(1,2,3-cd)pyrene	1.547	1.410	1.534	1.674	1.629	1.704	1.577	6.4
Dibenzo(a,h)anthracene	1.180	1.116	1.215	1.323	1.294	1.362	1.245	6.9
Benzo(g,h,i)perylene	1.374	1.288	1.378	1.459	1.394	1.470	1.379	5.2
1,4-Dioxane	0.613	0.525	0.495	0.515	0.476	0.434	0.496	13.4

All other compounds must meet a minimum RRF of 0.010.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080324 SAS No.: BN080324 SDG NO.: BN080324

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BN032618.D Time Analyzed: 22:12

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	4288		7.567	13064		10.36	8572		14.21
	UPPER LIMIT	8576		8.067	26128		10.857	17144		14.71
	LOWER LIMIT	2144		7.067	6532		9.857	4286		13.71
	EPA SAMPLE NO.									
01	PB162424BL	1883	*	7.60	6150	*	10.44	3521	*	14.20
02	PB162424BS	2342		7.51	7752		10.30	4855		14.15
03	GW-S-864-9-14-073024	2339		7.53	7916		10.30	3958	*	14.14
04	MLS-15-70-85	2330		7.53	6638		10.31	4004	*	14.15
05	MLS-15-70-85MS	2396		7.50	8090		10.27	4611		14.13
06	MLS-15-70-85MSD	2530		7.51	8615		10.27	4385		14.14
07	MLS-15-106-121	3507		7.53	10943		10.30	6793		14.16
08	MLS-15-135-150	2456		7.52	7665		10.28	4421		14.15
09	MLS-15-9999	3098		7.54	10542		10.29	6027		14.16
10	927-K1-WS-073124	2713		7.56	9334		10.29	5305		14.14
11	927-K1-WS-073124-FD	4557		7.51	15575		10.27	7686		14.14
12	926-K1-WS-073124	2821		7.55	9529		10.31	5486		14.14
13	931-K1-WS-073124	2742		7.52	9926		10.27	5088		14.14
14	925-K1-WS-073124	2644		7.53	9712		10.28	5265		14.14
15	PB162464BL	2808		7.68	8511		10.47	4332		14.21
16	PB162464BS	2491		7.51	9091		10.30	5314		14.15
17	923-K1-WS-080124	2957		7.52	9517		10.30	5295		14.14
18	923-K1-WS-080124MS	2735		7.51	9491		10.28	5337		14.13
19	923-K1-WS-080124MSD	2521		7.50	8200		10.28	4479		14.13
20	922-K1-WS-080124	2484		7.54	8664		10.30	4994		14.14
21	921-J-WS-080124	2724		7.55	9391		10.28	4760		14.14
22	GW-S-864-9-14-073024DL	1924	*	7.59	7464		10.40	4609		14.17
23	927-K1-WS-073124-FDRE	4565		7.52	16642		10.27	9402		14.14

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080324 SAS No.: BN080324 SDG NO.: BN080324

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BN032618.D Time Analyzed: 14:36

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	4288	7.567	13064	10.36	8572	14.21
	UPPER LIMIT	8576	8.067	26128	10.857	17144	14.71
	LOWER LIMIT	2144	7.067	6532	9.857	4286	13.71
	EPA SAMPLE NO.						
24	SP6586	2767	7.71	7677	10.45	4555	14.20

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080324 SAS No.: BN080324 SDG NO.: BN080324

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BN033212.D Time Analyzed: 22:12

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	2541	7.503	8773	10.29	4558	14.14
	UPPER LIMIT	5082	8.003	17546	10.787	9116	14.637
	LOWER LIMIT	1270.5	7.003	4386.5	9.787	2279	13.637
	EPA SAMPLE NO.						
01	PB162424BL	1883	7.60	6150	10.44	3521	14.20
02	PB162424BS	2342	7.51	7752	10.30	4855	14.15
03	GW-S-864-9-14-073024	2339	7.53	7916	10.30	3958	14.14
04	MLS-15-70-85	2330	7.53	6638	10.31	4004	14.15
05	MLS-15-70-85MS	2396	7.50	8090	10.27	4611	14.13
06	MLS-15-70-85MSD	2530	7.51	8615	10.27	4385	14.14
07	MLS-15-106-121	3507	7.53	10943	10.30	6793	14.16
08	MLS-15-135-150	2456	7.52	7665	10.28	4421	14.15
09	MLS-15-9999	3098	7.54	10542	10.29	6027	14.16
10	927-K1-WS-073124	2713	7.56	9334	10.29	5305	14.14
11	927-K1-WS-073124-FD	4557	7.51	15575	10.27	7686	14.14
12	926-K1-WS-073124	2821	7.55	9529	10.31	5486	14.14
13	931-K1-WS-073124	2742	7.52	9926	10.27	5088	14.14
14	925-K1-WS-073124	2644	7.53	9712	10.28	5265	14.14

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080324 SAS No.: BN080324 SDG NO.: BN080324

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BN033228.D Time Analyzed: 09:11

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	2923	7.495	10082	10.29	5809	14.13
	UPPER LIMIT	5846	7.995	20164	10.787	11618	14.633
	LOWER LIMIT	1461.5	6.995	5041	9.787	2904.5	13.633
	EPA SAMPLE NO.						
01	PB162464BL	2808	7.68	8511	10.47	4332	14.21
02	PB162464BS	2491	7.51	9091	10.30	5314	14.15
03	923-K1-WS-080124	2957	7.52	9517	10.30	5295	14.14
04	923-K1-WS-080124MS	2735	7.51	9491	10.28	5337	14.13
05	923-K1-WS-080124MSD	2521	7.50	8200	10.28	4479	14.13
06	922-K1-WS-080124	2484	7.54	8664	10.30	4994	14.14
07	921-J-WS-080124	2724	7.55	9391	10.28	4760	14.14
08	GW-S-864-9-14-073024DL	1924	7.59	7464	10.40	4609	14.17
09	927-K1-WS-073124-FDRE	4565	7.52	16642	10.27	9402	14.14
10	SP6586	2767	7.71	7677	10.45	4555	14.20

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080324 SAS No.: BN080324 SDG NO.: BN080324

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BN032618.D Time Analyzed: 22:12

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	18433		16.979	13897		21.193	13224		23.402
	UPPER LIMIT	36866		17.479	27794		21.693	26448		23.902
	LOWER LIMIT	9216.5		16.479	6948.5		20.693	6612		22.902
	EPA SAMPLE NO.									
01	PB162424BL	6022	*	16.99	5074	*	21.16	6136	*	23.33
02	PB162424BS	8693	*	16.93	6222	*	21.14	7164		23.32
03	GW-S-864-9-14-073024	7205	*	16.92	5794	*	21.13	6807		23.32
04	MLS-15-70-85	8103	*	16.93	6009	*	21.14	6853		23.32
05	MLS-15-70-85MS	9453		16.92	6458	*	21.14	6304	*	23.32
06	MLS-15-70-85MSD	8776	*	16.92	5889	*	21.13	6810		23.32
07	MLS-15-106-121	13060		16.93	8358		21.14	9800		23.32
08	MLS-15-135-150	9305		16.93	7094		21.14	6522	*	23.32
09	MLS-15-9999	12243		16.93	8467		21.14	9215		23.32
10	927-K1-WS-073124	11116		16.92	7181		21.13	7529		23.30
11	927-K1-WS-073124-FD	15096		16.91	13422		21.13	14336		23.30
12	926-K1-WS-073124	10801		16.91	8085		21.13	8932		23.30
13	931-K1-WS-073124	10190		16.91	8225		21.13	9153		23.30
14	925-K1-WS-073124	11002		16.91	7647		21.13	8319		23.30
15	PB162464BL	7325	*	17.00	6215	*	21.17	7022		23.34
16	PB162464BS	9888		16.93	6438	*	21.15	7501		23.33
17	923-K1-WS-080124	10012		16.92	8930		21.13	10262		23.31
18	923-K1-WS-080124MS	10317		16.90	7725		21.13	7969		23.30
19	923-K1-WS-080124MSD	9624		16.91	6930	*	21.13	7608		23.30
20	922-K1-WS-080124	10648		16.92	7008		21.13	6904		23.31
21	921-J-WS-080124	9238		16.91	7133		21.13	7838		23.31

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080324 SAS No.: BN080324 SDG NO.: BN080324

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BN032618.D Time Analyzed: 13:24

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	18433		16.979	13897		21.193	13224	23.402
	UPPER LIMIT	36866		17.479	27794		21.693	26448	23.902
	LOWER LIMIT	9216.5		16.479	6948.5		20.693	6612	22.902
	EPA SAMPLE NO.								
22	GW-S-864-9-14-073024DL	8580	*	16.96	5991	*	21.16	6680	23.34
23	927-K1-WS-073124-FDRE	19875		16.91	14622		21.13	14874	23.31
24	SP6586	7512	*	16.99	5867	*	21.17	7187	23.34

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080324 SAS No.: BN080324 SDG NO.: BN080324

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 2 2024 12:00AM

Lab File ID: BN033212.D Time Analyzed: 22:12

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	8276	16.92	5892		21.133	6636		23.315
	UPPER LIMIT	16552	17.42	11784		21.633	13272		23.815
	LOWER LIMIT	4138	16.42	2946		20.633	3318		22.815
	EPA SAMPLE NO.								
01	PB162424BL	6022	16.99	5074		21.16	6136		23.33
02	PB162424BS	8693	16.93	6222		21.14	7164		23.32
03	GW-S-864-9-14-073024	7205	16.92	5794		21.13	6807		23.32
04	MLS-15-70-85	8103	16.93	6009		21.14	6853		23.32
05	MLS-15-70-85MS	9453	16.92	6458		21.14	6304		23.32
06	MLS-15-70-85MSD	8776	16.92	5889		21.13	6810		23.32
07	MLS-15-106-121	13060	16.93	8358		21.14	9800		23.32
08	MLS-15-135-150	9305	16.93	7094		21.14	6522		23.32
09	MLS-15-9999	12243	16.93	8467		21.14	9215		23.32
10	927-K1-WS-073124	11116	16.92	7181		21.13	7529		23.30
11	927-K1-WS-073124-FD	15096	16.91	13422	*	21.13	14336	*	23.30
12	926-K1-WS-073124	10801	16.91	8085		21.13	8932		23.30
13	931-K1-WS-073124	10190	16.91	8225		21.13	9153		23.30
14	925-K1-WS-073124	11002	16.91	7647		21.13	8319		23.30

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN080324 SAS No.: BN080324 SDG NO.: BN080324

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Aug 3 2024 12:00AM

Lab File ID: BN033228.D Time Analyzed: 09:11

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	11229	16.915	7084		21.14	8355	23.315
	UPPER LIMIT	22458	17.415	14168		21.64	16710	23.815
	LOWER LIMIT	5614.5	16.415	3542		20.64	4177.5	22.815
	EPA SAMPLE NO.							
01	PB162464BL	7325	17.00	6215		21.17	7022	23.34
02	PB162464BS	9888	16.93	6438		21.15	7501	23.33
03	923-K1-WS-080124	10012	16.92	8930		21.13	10262	23.31
04	923-K1-WS-080124MS	10317	16.90	7725		21.13	7969	23.30
05	923-K1-WS-080124MSD	9624	16.91	6930		21.13	7608	23.30
06	922-K1-WS-080124	10648	16.92	7008		21.13	6904	23.31
07	921-J-WS-080124	9238	16.91	7133		21.13	7838	23.31
08	GW-S-864-9-14-073024DL	8580	16.96	5991		21.16	6680	23.34
09	927-K1-WS-073124-FDRE	19875	16.91	14622	*	21.13	14874	23.31
10	SP6586	7512	16.99	5867		21.17	7187	23.34

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

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

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

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN080324

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB162424BS	n-Nitrosodimethylamine	0.4	0.44	ug/L	110				33	130	
	bis(2-Chloroethyl)ether	0.4	0.39	ug/L	98				55	118	
	Naphthalene	0.4	0.37	ug/L	93				67	120	
	Hexachlorobutadiene	0.4	0.39	ug/L	98				33	114	
	2-Methylnaphthalene	0.4	0.32	ug/L	80				50	122	
	Acenaphthylene	0.4	0.39	ug/L	98				60	119	
	Acenaphthene	0.4	0.39	ug/L	98				65	119	
	Total PAH	6.4	5.77	ug/L	90				65	119	
	Fluorene	0.4	0.35	ug/L	88				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.33	ug/L	83				20	150	
	4-Bromophenyl-phenylether	0.4	0.37	ug/L	93				20	150	
	Hexachlorobenzene	0.4	0.36	ug/L	90				62	127	
	Atrazine	0.4	0.37	ug/L	93				20	150	
	Pentachlorophenol	0.8	0.19	ug/L	24				10	137	
	Phenanthrene	0.4	0.35	ug/L	88				65	117	
	Anthracene	0.4	0.36	ug/L	90				57	118	
	Fluoranthene	0.4	0.32	ug/L	80				53	126	
	Pyrene	0.4	0.37	ug/L	93				54	124	
	Benzo(a)anthracene	0.4	0.3	ug/L	75				54	130	
	Chrysene	0.4	0.4	ug/L	100				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.41	ug/L	103				40	137	
	Benzo(b)fluoranthene	0.4	0.3	ug/L	75				65	121	
	Benzo(k)fluoranthene	0.4	0.34	ug/L	85				72	119	
	Benzo(a)pyrene	0.4	0.35	ug/L	88				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.39	ug/L	98				70	127	
	Dibenz(a,h)anthracene	0.4	0.39	ug/L	98				65	121	
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100				76	117	
	1,4-Dioxane	0.4	0.48	ug/L	120				60	132	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN080324

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB162464BS	n-Nitrosodimethylamine	0.4	0.47	ug/L	117				33	130	
	bis(2-Chloroethyl)ether	0.4	0.45	ug/L	113				55	118	
	Naphthalene	0.4	0.38	ug/L	95				67	120	
	Hexachlorobutadiene	0.4	0.37	ug/L	93				33	114	
	2-Methylnaphthalene	0.4	0.32	ug/L	80				50	122	
	Acenaphthylene	0.4	0.38	ug/L	95				60	119	
	Acenaphthene	0.4	0.39	ug/L	98				65	119	
	Total PAH	6.4	5.83	ug/L	91				65	119	
	Fluorene	0.4	0.36	ug/L	90				58	122	
	4,6-Dinitro-2-methylphenol	0.4		ug/L	0		*		20	150	
	4-Bromophenyl-phenylether	0.4	0.37	ug/L	93				20	150	
	Hexachlorobenzene	0.4	0.36	ug/L	90				62	127	
	Atrazine	0.4	0.36	ug/L	90				20	150	
	Pentachlorophenol	0.8	0.19	ug/L	24				10	137	
	Phenanthrene	0.4	0.36	ug/L	90				65	117	
	Anthracene	0.4	0.37	ug/L	93				57	118	
	Fluoranthene	0.4	0.32	ug/L	80				53	126	
	Pyrene	0.4	0.41	ug/L	103				54	124	
	Benzo(a)anthracene	0.4	0.3	ug/L	75				54	130	
	Chrysene	0.4	0.41	ug/L	103				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.46	ug/L	115				40	137	
	Benzo(b)fluoranthene	0.4	0.3	ug/L	75				65	121	
	Benzo(k)fluoranthene	0.4	0.35	ug/L	88				72	119	
	Benzo(a)pyrene	0.4	0.34	ug/L	85				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.38	ug/L	95				70	127	
	Dibenz(a,h)anthracene	0.4	0.38	ug/L	95				65	121	
	Benzo(g,h,i)perylene	0.4	0.4	ug/L	100				76	117	
	1,4-Dioxane	0.4	0.47	ug/L	117				60	132	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6586

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN080324 SAS No.: BN080324 SDG NO.: BN080324

Lab File ID: BN033238.D Lab Sample ID: SP6586

Instrument ID: BNA_N Date Extracted:

Matrix: (soil/water) Water Date Analyzed: 08/03/2024

Level: (low/med) LOW Time Analyzed: 14:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6586	SP6586	BN033238.D	08/03/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162424BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN080324 SAS No.: BN080324 SDG NO.: BN080324

Lab File ID: BN033213.D Lab Sample ID: PB162424BL

Instrument ID: BNA_N Date Extracted: 08/01/2024

Matrix: (soil/water) Water Date Analyzed: 08/02/2024

Level: (low/med) LOW Time Analyzed: 22:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162424BS	PB162424BS	BN033214.D	08/02/2024
GW-S-864-9-14-073024	P3410-01	BN033215.D	08/02/2024
MLS-15-70-85	P3415-03	BN033216.D	08/03/2024
MLS-15-70-85MS	P3415-04MS	BN033217.D	08/03/2024
MLS-15-70-85MSD	P3415-05MSD	BN033218.D	08/03/2024
MLS-15-106-121	P3416-01	BN033219.D	08/03/2024
MLS-15-135-150	P3416-02	BN033220.D	08/03/2024
MLS-15-9999	P3416-03	BN033221.D	08/03/2024
927-K1-WS-073124	P3426-01	BN033222.D	08/03/2024
927-K1-WS-073124-FD	P3426-02	BN033223.D	08/03/2024
926-K1-WS-073124	P3429-01	BN033224.D	08/03/2024
931-K1-WS-073124	P3429-02	BN033225.D	08/03/2024
925-K1-WS-073124	P3429-03	BN033226.D	08/03/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162464BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN080324 SAS No.: BN080324 SDG NO.: BN080324

Lab File ID: BN033229.D Lab Sample ID: PB162464BL

Instrument ID: BNA_N Date Extracted: 08/02/2024

Matrix: (soil/water) Water Date Analyzed: 08/03/2024

Level: (low/med) LOW Time Analyzed: 09:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162464BS	PB162464BS	BN033230.D	08/03/2024
923-K1-WS-080124	P3440-01	BN033231.D	08/03/2024
923-K1-WS-080124MS	P3440-02MS	BN033232.D	08/03/2024
923-K1-WS-080124MSD	P3440-03MSD	BN033233.D	08/03/2024
922-K1-WS-080124	P3440-04	BN033234.D	08/03/2024
921-J-WS-080124	P3451-01	BN033235.D	08/03/2024

COMMENTS:

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN080324

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: P3440-02MS		**Client Sample ID: 923-K1-WS-080124MS**						**DataFile: BN033232.D**			
n-Nitrosodimethylamine	0.44		0.16	ug/L	36				10	158	
bis(2-Chloroethyl)ether	0.44		0.45	ug/L	102				27	159	
Naphthalene	0.44		0.31	ug/L	70				62	119	
Hexachlorobutadiene	0.44		0.27	ug/L	61				14	140	
2-Methylnaphthalene	0.44		0.3	ug/L	68	*			70	118	
Acenaphthylene	0.44		0.36	ug/L	82				53	123	
Acenaphthene	0.44		0.38	ug/L	86				57	122	
Total PAH	7.04		6.48	ug/L	92				57	122	
Fluorene	0.44		0.39	ug/L	89				58	123	
4,6-Dinitro-2-methylphenol	0.44			ug/L	0	*			20	150	
4-Bromophenyl-phenylether	0.44		0.32	ug/L	73				20	150	
Hexachlorobenzene	0.44		0.31	ug/L	70				31	160	
Atrazine	0.44		0.46	ug/L	105				20	150	
Pentachlorophenol	0.89		0.68	ug/L	76				10	179	
Phenanthrene	0.44		0.6	ug/L	136	*			64	129	
Anthracene	0.44		0.39	ug/L	89				67	127	
Fluoranthene	0.44		0.5	ug/L	114				55	140	
Pyrene	0.44		0.53	ug/L	120				59	137	
Benzo(a)anthracene	0.44		0.42	ug/L	95				51	146	
Chrysene	0.44		0.4	ug/L	91				61	126	
bis(2-Ethylhexyl)phthalate	0.44	0.19	0.3	ug/L	25	*			35	175	
Benzo(b)fluoranthene	0.44		0.36	ug/L	82				60	123	
Benzo(k)fluoranthene	0.44		0.34	ug/L	77				61	122	
Benzo(a)pyrene	0.44		0.39	ug/L	89				54	129	
Indeno(1,2,3-cd)pyrene	0.44		0.38	ug/L	86				50	134	
Dibenz(a,h)anthracene	0.44		0.36	ug/L	82				53	121	
Benzo(g,h,i)perylene	0.44		0.37	ug/L	84				44	132	
1,4-Dioxane	0.44		0.2	ug/L	45				10	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN080324

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: P3440-03MSD		**Client Sample ID: 923-K1-WS-080124MSD**						**DataFile:**	**BN033233.D**		
n-Nitrosodimethylamine	0.44		0.22	ug/L	50		33	*	10	158	20
bis(2-Chloroethyl)ether	0.44		0.46	ug/L	105		3		27	159	20
Naphthalene	0.44		0.35	ug/L	80		13		62	119	20
Hexachlorobutadiene	0.44		0.3	ug/L	68		11		14	140	20
2-Methylnaphthalene	0.44		0.32	ug/L	73		7		70	118	20
Acenaphthylene	0.44		0.4	ug/L	91		10		53	123	20
Acenaphthene	0.44		0.45	ug/L	102		17		57	122	20
Total PAH	7.04		7.09	ug/L	101		9		57	122	20
Fluorene	0.44		0.45	ug/L	102		14		58	123	20
4,6-Dinitro-2-methylphenol	0.44			ug/L	0	*			20	150	20
4-Bromophenyl-phenylether	0.44		0.36	ug/L	82		12		20	150	20
Hexachlorobenzene	0.44		0.34	ug/L	77		10		31	160	20
Atrazine	0.44		0.51	ug/L	116		10		20	150	20
Pentachlorophenol	0.88		0.76	ug/L	86		12		10	179	20
Phenanthrene	0.44		0.67	ug/L	152	*	11		64	129	20
Anthracene	0.44		0.44	ug/L	100		12		67	127	20
Fluoranthene	0.44		0.54	ug/L	123		8		55	140	20
Pyrene	0.44		0.57	ug/L	130		8		59	137	20
Benzo(a)anthracene	0.44		0.47	ug/L	107		12		51	146	20
Chrysene	0.44		0.39	ug/L	89		2		61	126	20
bis(2-Ethylhexyl)phthalate	0.44	0.19	0.31	ug/L	27	*	8		35	175	20
Benzo(b)fluoranthene	0.44		0.39	ug/L	89		8		60	123	20
Benzo(k)fluoranthene	0.44		0.36	ug/L	82		6		61	122	20
Benzo(a)pyrene	0.44		0.42	ug/L	95		7		54	129	20
Indeno(1,2,3-cd)pyrene	0.44		0.41	ug/L	93		8		50	134	20
Dibenz(a,h)anthracene	0.44		0.4	ug/L	91		10		53	121	20
Benzo(g,h,i)perylene	0.44		0.38	ug/L	86		2		44	132	20
1,4-Dioxane	0.44		0.2	ug/L	45		0		10	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN080324

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: P3415-04MS		**Client Sample ID: MLS-15-70-85MS**						**DataFile: BN033217.D**			
n-Nitrosodimethylamine	0.42		0.14	ug/L	33				10	158	
bis(2-Chloroethyl)ether	0.42		0.51	ug/L	121				27	159	
Naphthalene	0.42		0.34	ug/L	81				62	119	
Hexachlorobutadiene	0.42		0.25	ug/L	60				14	140	
2-Methylnaphthalene	0.42		0.34	ug/L	81				70	118	
Acenaphthylene	0.42		0.41	ug/L	98				53	123	
Acenaphthene	0.42		0.39	ug/L	93				57	122	
Total PAH	6.72	0	6.72	ug/L	100				57	122	
Fluorene	0.42		0.38	ug/L	90				58	123	
4,6-Dinitro-2-methylphenol	0.42		0.37	ug/L	88				20	150	
4-Bromophenyl-phenylether	0.42		0.36	ug/L	86				20	150	
Hexachlorobenzene	0.42		0.31	ug/L	74				31	160	
Atrazine	0.42		0.45	ug/L	107				20	150	
Pentachlorophenol	0.83		0.55	ug/L	66				10	179	
Phenanthrene	0.42		0.41	ug/L	98				64	129	
Anthracene	0.42		0.37	ug/L	88				67	127	
Fluoranthene	0.42		0.39	ug/L	93				55	140	
Pyrene	0.42		0.47	ug/L	112				59	137	
Benzo(a)anthracene	0.42	0.03	0.4	ug/L	88				51	146	
Chrysene	0.42	0.04	0.47	ug/L	102				61	126	
bis(2-Ethylhexyl)phthalate	0.42	0.47	0.68	ug/L	50				35	175	
Benzo(b)fluoranthene	0.42	0.04	0.41	ug/L	88				60	123	
Benzo(k)fluoranthene	0.42	0.04	0.45	ug/L	98				61	122	
Benzo(a)pyrene	0.42		0.44	ug/L	105				54	129	
Indeno(1,2,3-cd)pyrene	0.42	0.04	0.48	ug/L	105				50	134	
Dibenz(a,h)anthracene	0.42	0.04	0.48	ug/L	105				53	121	
Benzo(g,h,i)perylene	0.42	0.04	0.43	ug/L	93				44	132	
1,4-Dioxane	0.42		0.16	ug/L	38				10	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BN080324

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: P3415-05MSD		**Client Sample ID: MLS-15-70-85MSD**						**DataFile:**	**BN033218.D**		
n-Nitrosodimethylamine	0.42		0.15	ug/L	36		9		10	158	20
bis(2-Chloroethyl)ether	0.42		0.45	ug/L	107		12		27	159	20
Naphthalene	0.42		0.31	ug/L	74		9		62	119	20
Hexachlorobutadiene	0.42		0.23	ug/L	55		9		14	140	20
2-Methylnaphthalene	0.42		0.3	ug/L	71		13		70	118	20
Acenaphthylene	0.42		0.36	ug/L	86		13		53	123	20
Acenaphthene	0.42		0.34	ug/L	81		14		57	122	20
Total PAH	6.72	0	6.01	ug/L	89		12		57	122	20
Fluorene	0.42		0.34	ug/L	81		11		58	123	20
4,6-Dinitro-2-methylphenol	0.42		0.37	ug/L	88		0		20	150	20
4-Bromophenyl-phenylether	0.42		0.32	ug/L	76		12		20	150	20
Hexachlorobenzene	0.42		0.3	ug/L	71		4		31	160	20
Atrazine	0.42		0.41	ug/L	98		9		20	150	20
Pentachlorophenol	0.83		0.52	ug/L	63		5		10	179	20
Phenanthrene	0.42		0.37	ug/L	88		11		64	129	20
Anthracene	0.42		0.34	ug/L	81		8		67	127	20
Fluoranthene	0.42		0.35	ug/L	83		11		55	140	20
Pyrene	0.42		0.42	ug/L	100		11		59	137	20
Benzo(a)anthracene	0.42	0.03	0.39	ug/L	86		2		51	146	20
Chrysene	0.42	0.04	0.42	ug/L	90		13		61	126	20
bis(2-Ethylhexyl)phthalate	0.42	0.47	0.41	ug/L	-14	*	356	*	35	175	20
Benzo(b)fluoranthene	0.42	0.04	0.35	ug/L	74		17		60	123	20
Benzo(k)fluoranthene	0.42	0.04	0.38	ug/L	81		19		61	122	20
Benzo(a)pyrene	0.42		0.39	ug/L	93		12		54	129	20
Indeno(1,2,3-cd)pyrene	0.42	0.04	0.43	ug/L	93		12		50	134	20
Dibenz(a,h)anthracene	0.42	0.04	0.43	ug/L	93		12		53	121	20
Benzo(g,h,i)perylene	0.42	0.04	0.39	ug/L	83		11		44	132	20
1,4-Dioxane	0.42		0.16	ug/L	38		0		10	175	20

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Surrogate Summary

SW-846

SDG No.: BN080324

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
SP6586	SP6586	BN033238.D	2-Methylnaphthalene-d10	0.4	325.00	81250	*	30	150
			Fluoranthene-d10	0.4	340.00	85000	*	30	150
			2-Fluorophenol	0.4	310.00	77500	*	10	92
			Phenol-d6	0.4	373.00	93250	*	10	100
			Nitrobenzene-d5	0.4	377.00	94250	*	11	175
			2-Fluorobiphenyl	0.4	331.00	82750	*	10	175
			2,4,6-Tribromophenol	0.4	203.00	50750	*	24	148
			Terphenyl-d14	0.4	382.00	95500	*	54	171

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Surrogate Summary

SW-846

SDG No.: BN080324

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3410-01	GW-S-864-9-14-07	BN033215.D	2-Methylnaphthalene-d10	0.4	0.32	81		30	150
			Fluoranthene-d10	0.4	0.36	91		30	150
			2-Fluorophenol	0.4	0.22	56		10	92
			Phenol-d6	0.4	0.22	54		10	100
			Nitrobenzene-d5	0.4	0.40	99		11	175
			2-Fluorobiphenyl	0.4	0.45	112		10	175
			2,4,6-Tribromophenol	0.4	0.27	67		24	148
			Terphenyl-d14	0.4	0.50	125		54	171
P3410-01DL	GW-S-864-9-14-07	BN033236.D	2-Methylnaphthalene-d10	0.4	0.30	74		30	150
			Fluoranthene-d10	0.4	0.34	85		30	150
			2-Fluorophenol	0.4	0.09	23		10	92
			Phenol-d6	0.4	0.00	0	*	10	100
			Nitrobenzene-d5	0.4	0.35	88		11	175
			2-Fluorobiphenyl	0.4	0.35	88		10	175
			2,4,6-Tribromophenol	0.4	0.24	59		24	148
			Terphenyl-d14	0.4	0.51	127		54	171
P3415-03	MLS-15-70-85	BN033216.D	2-Methylnaphthalene-d10	0.4	0.34	86		30	150
			Fluoranthene-d10	0.4	0.39	98		30	150
			2-Fluorophenol	0.4	0.21	51		10	92
			Phenol-d6	0.4	0.12	30		10	100
			Nitrobenzene-d5	0.4	0.46	114		11	175
			2-Fluorobiphenyl	0.4	0.37	93		10	175
			2,4,6-Tribromophenol	0.4	0.29	73		24	148
			Terphenyl-d14	0.4	0.53	132		54	171
P3415-04MS	MLS-15-70-85MS	BN033217.D	2-Methylnaphthalene-d10	0.4	0.34	84		30	150
			Fluoranthene-d10	0.4	0.37	91		30	150
			2-Fluorophenol	0.4	0.20	49		10	92
			Phenol-d6	0.4	0.13	33		10	100
			Nitrobenzene-d5	0.4	0.37	93		11	175
			2-Fluorobiphenyl	0.4	0.36	90		10	175
			2,4,6-Tribromophenol	0.4	0.28	71		24	148
			Terphenyl-d14	0.4	0.52	129		54	171
P3415-05MSD	MLS-15-70-85MSD	BN033218.D	2-Methylnaphthalene-d10	0.4	0.31	78		30	150
			Fluoranthene-d10	0.4	0.33	82		30	150
			2-Fluorophenol	0.4	0.17	43		10	92
			Phenol-d6	0.4	0.11	26		10	100
			Nitrobenzene-d5	0.4	0.34	85		11	175
			2-Fluorobiphenyl	0.4	0.34	84		10	175
			2,4,6-Tribromophenol	0.4	0.26	66		24	148
			Terphenyl-d14	0.4	0.49	122		54	171
P3416-01	MLS-15-106-121	BN033219.D	2-Methylnaphthalene-d10	0.4	0.15	37		30	150
			Fluoranthene-d10	0.4	0.19	46		30	150
			2-Fluorophenol	0.4	0.08	20		10	92
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.22	54		11	175
			2-Fluorobiphenyl	0.4	0.15	37		10	175
			2,4,6-Tribromophenol	0.4	0.13	32		24	148
			Terphenyl-d14	0.4	0.29	73		54	171
P3416-02	MLS-15-135-150	BN033220.D	2-Methylnaphthalene-d10	0.4	0.28	70		30	150

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Surrogate Summary

SW-846

SDG No.: BN080324

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P3416-02	MLS-15-135-150	BN033220.D	Fluoranthene-d10	0.4	0.38	94		30	150
			2-Fluorophenol	0.4	0.17	42		10	92
			Phenol-d6	0.4	0.11	28		10	100
			Nitrobenzene-d5	0.4	0.36	90		11	175
			2-Fluorobiphenyl	0.4	0.31	77		10	175
			2,4,6-Tribromophenol	0.4	0.26	66		24	148
			Terphenyl-d14	0.4	0.50	124		54	171
P3416-03	MLS-15-9999	BN033221.D	2-Methylnaphthalene-d10	0.4	0.22	56		30	150
			Fluoranthene-d10	0.4	0.27	67		30	150
			2-Fluorophenol	0.4	0.14	35		10	92
			Phenol-d6	0.4	0.09	22		10	100
			Nitrobenzene-d5	0.4	0.28	70		11	175
			2-Fluorobiphenyl	0.4	0.25	62		10	175
			2,4,6-Tribromophenol	0.4	0.19	47		24	148
			Terphenyl-d14	0.4	0.37	93		54	171
P3426-01	927-K1-WS-07312	BN033222.D	2-Methylnaphthalene-d10	0.4	0.25	62		30	150
			Fluoranthene-d10	0.4	0.26	64		30	150
			2-Fluorophenol	0.4	0.13	33		10	92
			Phenol-d6	0.4	0.10	25		10	100
			Nitrobenzene-d5	0.4	0.30	74		11	175
			2-Fluorobiphenyl	0.4	0.27	68		10	175
			2,4,6-Tribromophenol	0.4	0.24	61		24	148
			Terphenyl-d14	0.4	0.39	97		54	171
P3426-02	927-K1-WS-07312	BN033223.D	2-Methylnaphthalene-d10	0.2	0.07	32		30	150
			Fluoranthene-d10	0.2	0.09	43		30	150
			2-Fluorophenol	0.2	0.06	32		10	92
			Phenol-d6	0.2	0.08	38		10	100
			Nitrobenzene-d5	0.2	0.08	42		11	175
			2-Fluorobiphenyl	0.2	0.08	42		10	175
			2,4,6-Tribromophenol	0.2	0.08	38		24	148
			Terphenyl-d14	0.2	0.27	137		54	171
P3426-02RE	927-K1-WS-07312	BN033237.D	2-Methylnaphthalene-d10	0.2	0.07	33		30	150
			Fluoranthene-d10	0.2	0.09	44		30	150
			2-Fluorophenol	0.2	0.06	32		10	92
			Phenol-d6	0.2	0.07	37		10	100
			Nitrobenzene-d5	0.2	0.08	41		11	175
			2-Fluorobiphenyl	0.2	0.08	41		10	175
			2,4,6-Tribromophenol	0.2	0.08	38		24	148
			Terphenyl-d14	0.2	0.33	166		54	171
P3429-01	926-K1-WS-07312	BN033224.D	2-Methylnaphthalene-d10	0.4	0.27	67		30	150
			Fluoranthene-d10	0.4	0.29	72		30	150
			2-Fluorophenol	0.4	0.20	50		10	92
			Phenol-d6	0.4	0.13	33		10	100
			Nitrobenzene-d5	0.4	0.35	86		11	175
			2-Fluorobiphenyl	0.4	0.30	75		10	175
			2,4,6-Tribromophenol	0.4	0.24	61		24	148
			Terphenyl-d14	0.4	0.36	91		54	171
P3429-02	931-K1-WS-07312	BN033225.D	2-Methylnaphthalene-d10	0.4	0.27	68		30	150
			Fluoranthene-d10	0.4	0.31	76		30	150

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Surrogate Summary

SW-846

SDG No.: BN080324

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P3429-02	931-K1-WS-07312	BN033225.D	2-Fluorophenol	0.4	0.25	62		10	92
			Phenol-d6	0.4	0.17	43		10	100
			Nitrobenzene-d5	0.4	0.36	90		11	175
			2-Fluorobiphenyl	0.4	0.34	84		10	175
			2,4,6-Tribromophenol	0.4	0.29	73		24	148
			Terphenyl-d14	0.4	0.39	97		54	171
P3429-03	925-K1-WS-07312	BN033226.D	2-Methylnaphthalene-d10	0.4	0.29	73		30	150
			Fluoranthene-d10	0.4	0.33	81		30	150
			2-Fluorophenol	0.4	0.21	52		10	92
			Phenol-d6	0.4	0.15	37		10	100
			Nitrobenzene-d5	0.4	0.22	54		11	175
			2-Fluorobiphenyl	0.4	0.34	84		10	175
			2,4,6-Tribromophenol	0.4	0.32	81		24	148
			Terphenyl-d14	0.4	0.44	111		54	171
PB162424BL	PB162424BL	BN033213.D	2-Methylnaphthalene-d10	0.4	0.31	78		30	150
			Fluoranthene-d10	0.4	0.32	81		30	150
			2-Fluorophenol	0.4	0.35	88		10	92
			Phenol-d6	0.4	0.43	108	*	10	100
			Nitrobenzene-d5	0.4	0.38	95		11	175
			2-Fluorobiphenyl	0.4	0.34	84		10	175
			2,4,6-Tribromophenol	0.4	0.19	48		24	148
			Terphenyl-d14	0.4	0.37	92		54	171
PB162424BS	PB162424BS	BN033214.D	2-Methylnaphthalene-d10	0.4	0.35	88		30	150
			Fluoranthene-d10	0.4	0.33	81		30	150
			2-Fluorophenol	0.4	0.47	118	*	10	92
			Phenol-d6	0.4	0.49	123	*	10	100
			Nitrobenzene-d5	0.4	0.39	97		11	175
			2-Fluorobiphenyl	0.4	0.35	87		10	175
			2,4,6-Tribromophenol	0.4	0.23	58		24	148
			Terphenyl-d14	0.4	0.35	88		54	171

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Surrogate Summary

SW-846

SDG No.: BN080324

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
P3440-01	923-K1-WS-08012	BN033231.D	2-Methylnaphthalene-d10	0.4	0.24	61		30	150
			Fluoranthene-d10	0.4	0.31	77		30	150
			2-Fluorophenol	0.4	0.14	34		10	92
			Phenol-d6	0.4	0.10	24		10	100
			Nitrobenzene-d5	0.4	0.24	60		11	175
			2-Fluorobiphenyl	0.4	0.28	71		10	175
			2,4,6-Tribromophenol	0.4	0.24	60		24	148
			Terphenyl-d14	0.4	0.36	89		54	171
P3440-02MS	923-K1-WS-08012	BN033232.D	2-Methylnaphthalene-d10	0.4	0.30	75		30	150
			Fluoranthene-d10	0.4	0.31	78		30	150
			2-Fluorophenol	0.4	0.17	41		10	92
			Phenol-d6	0.4	0.11	28		10	100
			Nitrobenzene-d5	0.4	0.28	70		11	175
			2-Fluorobiphenyl	0.4	0.30	75		10	175
			2,4,6-Tribromophenol	0.4	0.28	71		24	148
			Terphenyl-d14	0.4	0.48	119		54	171
P3440-03MSD	923-K1-WS-08012	BN033233.D	2-Methylnaphthalene-d10	0.4	0.32	81		30	150
			Fluoranthene-d10	0.4	0.34	84		30	150
			2-Fluorophenol	0.4	0.17	43		10	92
			Phenol-d6	0.4	0.13	31		10	100
			Nitrobenzene-d5	0.4	0.33	83		11	175
			2-Fluorobiphenyl	0.4	0.35	87		10	175
			2,4,6-Tribromophenol	0.4	0.33	83		24	148
			Terphenyl-d14	0.4	0.54	134		54	171
P3440-04	922-K1-WS-08012	BN033234.D	2-Methylnaphthalene-d10	0.4	0.27	68		30	150
			Fluoranthene-d10	0.4	0.34	86		30	150
			2-Fluorophenol	0.4	0.16	39		10	92
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.30	75		11	175
			2-Fluorobiphenyl	0.4	0.29	72		10	175
			2,4,6-Tribromophenol	0.4	0.28	70		24	148
			Terphenyl-d14	0.4	0.59	148		54	171
P3451-01	921-J-WS-080124	BN033235.D	2-Methylnaphthalene-d10	0.4	0.25	63		30	150
			Fluoranthene-d10	0.4	0.32	79		30	150
			2-Fluorophenol	0.4	0.12	29		10	92
			Phenol-d6	0.4	0.07	17		10	100
			Nitrobenzene-d5	0.4	0.28	70		11	175
			2-Fluorobiphenyl	0.4	0.31	78		10	175
			2,4,6-Tribromophenol	0.4	0.28	70		24	148
			Terphenyl-d14	0.4	0.39	98		54	171
PB162464BL	PB162464BL	BN033229.D	2-Methylnaphthalene-d10	0.4	0.26	64		30	150
			Fluoranthene-d10	0.4	0.29	72		30	150
			2-Fluorophenol	0.4	0.28	69		10	92
			Phenol-d6	0.4	0.29	72		10	100
			Nitrobenzene-d5	0.4	0.33	82		11	175
			2-Fluorobiphenyl	0.4	0.31	77		10	175
			2,4,6-Tribromophenol	0.4	0.15	38		24	148
			Terphenyl-d14	0.4	0.31	77		54	171
PB162464BS	PB162464BS	BN033230.D	2-Methylnaphthalene-d10	0.4	0.36	90		30	150

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Surrogate Summary

SW-846

SDG No.: BN080324

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB162464BS	PB162464BS	BN033230.D	Fluoranthene-d10	0.4	0.32	81		30	150
			2-Fluorophenol	0.4	0.43	108	*	10	92
			Phenol-d6	0.4	0.45	112	*	10	100
			Nitrobenzene-d5	0.4	0.42	104		11	175
			2-Fluorobiphenyl	0.4	0.38	94		10	175
			2,4,6-Tribromophenol	0.4	0.23	58		24	148
			Terphenyl-d14	0.4	0.40	100		54	171

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN080324

Lab Code: CHEM SAS No.: BN080324 SDG NO.: BN080324

Lab File ID: BN033211.D DFTPP Injection Date: 08/02/2024

Instrument ID: BNA_N DFTPP Injection Time: 20:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.1
68	Less than 2.0% of mass 69	0.8 (1.8) 1
69	Mass 69 relative abundance	42.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	52.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	10
442	Greater than 50% of mass 198	65.7
443	15.0 - 24.0% of mass 442	12.4 (18.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN033212.D	08/02/2024	20:59
PB162424BL	PB162424BL	BN033213.D	08/02/2024	22:12
PB162424BS	PB162424BS	BN033214.D	08/02/2024	22:48
GW-S-864-9-14-073024	P3410-01	BN033215.D	08/02/2024	23:25
MLS-15-70-85	P3415-03	BN033216.D	08/03/2024	00:02
MLS-15-70-85MS	P3415-04MS	BN033217.D	08/03/2024	00:38
MLS-15-70-85MSD	P3415-05MSD	BN033218.D	08/03/2024	01:15
MLS-15-106-121	P3416-01	BN033219.D	08/03/2024	01:51
MLS-15-135-150	P3416-02	BN033220.D	08/03/2024	02:27
MLS-15-9999	P3416-03	BN033221.D	08/03/2024	03:03
927-K1-WS-073124	P3426-01	BN033222.D	08/03/2024	03:39
927-K1-WS-073124-FD	P3426-02	BN033223.D	08/03/2024	04:15
926-K1-WS-073124	P3429-01	BN033224.D	08/03/2024	04:52
931-K1-WS-073124	P3429-02	BN033225.D	08/03/2024	05:28
925-K1-WS-073124	P3429-03	BN033226.D	08/03/2024	06:04

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN080324

Lab Code: CHEM SAS No.: BN080324 SDG NO.: BN080324

Lab File ID: BN033227.D DFTPP Injection Date: 08/03/2024

Instrument ID: BNA_N DFTPP Injection Time: 07:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.7
68	Less than 2.0% of mass 69	0.8 (1.7) 1
69	Mass 69 relative abundance	45
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	53.4
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.4
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	9
442	Greater than 50% of mass 198	55.8
443	15.0 - 24.0% of mass 442	10.1 (18.1) 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	BN033228.D	08/03/2024	07:59
PB162464BL	PB162464BL	BN033229.D	08/03/2024	09:11
PB162464BS	PB162464BS	BN033230.D	08/03/2024	09:47
923-K1-WS-080124	P3440-01	BN033231.D	08/03/2024	10:24
923-K1-WS-080124MS	P3440-02MS	BN033232.D	08/03/2024	11:00
923-K1-WS-080124MSD	P3440-03MSD	BN033233.D	08/03/2024	11:36
922-K1-WS-080124	P3440-04	BN033234.D	08/03/2024	12:12
921-J-WS-080124	P3451-01	BN033235.D	08/03/2024	12:48
GW-S-864-9-14-073024DL	P3410-01DL	BN033236.D	08/03/2024	13:24
927-K1-WS-073124-FDRE	P3426-02RE	BN033237.D	08/03/2024	14:00
SP6586	SP6586	BN033238.D	08/03/2024	14:36