CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN051024 SAS No.: BN051024 SDG No.: BN051024

Instrument ID: BNA_N Calibration Date/Time: 5/10/2024 12 08:47

Lab File ID: BN031456.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	0.645	0.616		-4.496	20.0
Fluoranthene-d10	1.110	1.041		-6.216	20.0
n-Nitrosodimethylamine	0.486	0.488		0.412	20.0
2-Fluorophenol	1.136	1.038		-8.627	20.0
Phenol-d6	1.531	1.384		-9.602	20.0
bis(2-Chloroethyl)ether	1.333	1.320		-0.975	20.0
Nitrobenzene-d5	0.287	0.276		-3.833	20.0
Naphthalene	1.112	1.094		-1.619	20.0
Hexachlorobutadiene	0.195	0.193		-1.026	20.0
2-Methylnaphthalene	0.758	0.735		-3.034	20.0
2-Fluorobiphenyl	1.542	1.556		0.908	20.0
Acenaphthylene	2.013	1.895		-5.862	20.0
Acenaphthene	1.255	1.224		-2.47	20.0
Fluorene	1.642	1.600		-2.558	20.0
4,6-Dinitro-2-methylphenol	0.033	0.030		-9.091	20.0
2,4,6-Tribromophenol	0.152	0.126		-17.105	20.0
4-Bromophenyl-phenylether	0.234	0.231		-1.282	20.0
Hexachlorobenzene	0.236	0.243		2.966	20.0
Atrazine	0.213	0.182		-14.554	20.0
Pentachlorophenol	0.083	0.073		-12.048	20.0
Phenanthrene	1.119	1.105		-1.251	20.0
Anthracene	1.108	1.040		-6.137	20.0
Fluoranthene	1.360	1.313		-3.456	20.0
Pyrene	1.619	1.638		1.174	20.0
Terphenyl-d14	0.979	0.928		-5.209	20.0
Benzo(a)anthracene	1.543	1.437		-6.87	20.0
Chrysene	1.469	1.442		-1.838	20.0
Bis(2-ethylhexyl)phthalate	0.903	0.631		-30.122	20.0
Benzo(b)fluoranthene	1.436	1.302		-9.331	20.0
Benzo(k)fluoranthene	1.359	1.323		-2.649	20.0
Benzo(a)pyrene	1.248	1.086		-12.981	20.0
Indeno(1,2,3-cd)pyrene	1.594	1.441		-9.598	20.0
Dibenzo(a,h)anthracene	1.264	1.178		-6.804	20.0
Benzo(g,h,i)perylene	1.359	1.248		-8.168	20.0
1,4-Dioxane	0.492	0.475		-3.455	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN051024 SAS No.: BN051024 SDG No.: BN051024

Instrument ID: BNA_N Calibration Date/Time: 5/10/2024 12 19:17

Lab File ID: BN031469.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.645	0.552		-14.419	50.0
Fluoranthene-d10	1.110	0.944		-14.955	50.0
n-Nitrosodimethylamine	0.486	0.430		-11.523	50.0
2-Fluorophenol	1.136	0.896		-21.127	50.0
Phenol-d6	1.531	1.221		-20.248	50.0
bis(2-Chloroethyl)ether	1.333	1.181		-11.403	50.0
Nitrobenzene-d5	0.287	0.269		-6.272	50.0
Naphthalene	1.112	0.994		-10.612	50.0
Hexachlorobutadiene	0.195	0.176		-9.744	50.0
2-Methylnaphthalene	0.758	0.662		-12.665	50.0
2-Fluorobiphenyl	1.542	1.431		-7.198	50.0
Acenaphthylene	2.013	1.685		-16.294	50.0
Acenaphthene	1.255	1.111		-11.474	50.0
Fluorene	1.642	1.425		-13.216	50.0
4,6-Dinitro-2-methylphenol	0.033	0.029		-12.121	50.0
2,4,6-Tribromophenol	0.152	0.107		-29.605	50.0
4-Bromophenyl-phenylether	0.234	0.204		-12.821	50.0
Hexachlorobenzene	0.236	0.228		-3.39	50.0
Atrazine	0.213	0.147		-30.986	50.0
Pentachlorophenol	0.083	0.059		-28.916	50.0
Phenanthrene	1.119	1.026		-8.311	50.0
Anthracene	1.108	0.911		-17.78	50.0
Fluoranthene	1.360	1.207		-11.25	50.0
Pyrene	1.619	1.436		-11.303	50.0
Terphenyl-d14	0.979	0.804		-17.875	50.0
Benzo(a)anthracene	1.543	1.239		-19.702	50.0
Chrysene	1.469	1.257		-14.432	50.0
Bis(2-ethylhexyl)phthalate	0.903	0.463		-48.726	50.0
Benzo(b)fluoranthene	1.436	1.212		-15.599	50.0
Benzo(k)fluoranthene	1.359	1.292		-4.93	50.0
Benzo(a)pyrene	1.248	1.022		-18.109	50.0
Indeno(1,2,3-cd)pyrene	1.594	1.164		-26.976	50.0
Dibenzo(a,h)anthracene	1.264	0.952		-24.684	50.0
Benzo(g,h,i)perylene	1.359	0.980		-27.888	50.0
1,4-Dioxane	0.492	0.428		-13.008	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN051024 SAS No.: BN051024 SDG No.: BN051024

Instrument ID: BNA_N Calibration Date/Time: 5/10/2024 12 21:12

Lab File ID: BN031471.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	0.645	0.551		-14.574	20.0
Fluoranthene-d10	1.110	0.913		-17.748	20.0
n-Nitrosodimethylamine	0.486	0.434		-10.7	20.0
2-Fluorophenol	1.136	0.887		-21.919	20.0
Phenol-d6	1.531	1.218		-20.444	20.0
bis(2-Chloroethyl)ether	1.333	1.183		-11.253	20.0
Nitrobenzene-d5	0.287	0.271		-5.575	20.0
Naphthalene	1.112	1.004		-9.712	20.0
Hexachlorobutadiene	0.195	0.178		-8.718	20.0
2-Methylnaphthalene	0.758	0.662		-12.665	20.0
2-Fluorobiphenyl	1.542	1.444		-6.355	20.0
Acenaphthylene	2.013	1.702		-15.45	20.0
Acenaphthene	1.255	1.112		-11.394	20.0
Fluorene	1.642	1.404		-14.495	20.0
4,6-Dinitro-2-methylphenol	0.033	0.029		-12.121	20.0
2,4,6-Tribromophenol	0.152	0.108		-28.947	20.0
4-Bromophenyl-phenylether	0.234	0.212		-9.402	20.0
Hexachlorobenzene	0.236	0.231		-2.119	20.0
Atrazine	0.213	0.149		-30.047	20.0
Pentachlorophenol	0.083	0.061		-26.506	20.0
Phenanthrene	1.119	1.029		-8.043	20.0
Anthracene	1.108	0.917		-17.238	20.0
Fluoranthene	1.360	1.178		-13.382	20.0
Pyrene	1.619	1.447		-10.624	20.0
Terphenyl-d14	0.979	0.807		-17.569	20.0
Benzo(a)anthracene	1.543	1.258		-18.471	20.0
Chrysene	1.469	1.275		-13.206	20.0
Bis(2-ethylhexyl)phthalate	0.903	0.440		-51.274	20.0
Benzo(b)fluoranthene	1.436	1.186		-17.409	20.0
Benzo(k)fluoranthene	1.359	1.241		-8.683	20.0
Benzo(a)pyrene	1.248	1.034		-17.147	20.0
Indeno(1,2,3-cd)pyrene	1.594	1.157		-27.415	20.0
Dibenzo(a,h)anthracene	1.264	0.944		-25.316	20.0
Benzo(g,h,i)perylene	1.359	0.948		-30.243	20.0
1,4-Dioxane	0.492	0.426		-13.415	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN051024 SAS No.: BN051024 SDG No.: BN051024

Instrument ID: BNA_N Calibration Date/Time: 5/11/2024 12 05:41

Lab File ID: BN031485.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.645	0.553		-14.264	50.0
Fluoranthene-d10	1.110	0.903		-18.649	50.0
n-Nitrosodimethylamine	0.486	0.445		-8.436	50.0
2-Fluorophenol	1.136	0.851		-25.088	50.0
Phenol-d6	1.531	1.166		-23.841	50.0
bis(2-Chloroethyl)ether	1.333	1.194		-10.428	50.0
Nitrobenzene-d5	0.287	0.282		-1.742	50.0
Naphthalene	1.112	1.008		-9.353	50.0
Hexachlorobutadiene	0.195	0.178		-8.718	50.0
2-Methylnaphthalene	0.758	0.662		-12.665	50.0
2-Fluorobiphenyl	1.542	1.456		-5.577	50.0
Acenaphthylene	2.013	1.671		-16.99	50.0
Acenaphthene	1.255	1.133		-9.721	50.0
Fluorene	1.642	1.431		-12.85	50.0
4,6-Dinitro-2-methylphenol	0.033	0.033		0.0	50.0
2,4,6-Tribromophenol	0.152	0.103		-32.237	50.0
4-Bromophenyl-phenylether	0.234	0.206		-11.966	50.0
Hexachlorobenzene	0.236	0.234		-0.847	50.0
Atrazine	0.213	0.136		-36.15	50.0
Pentachlorophenol	0.083	0.058		-30.12	50.0
Phenanthrene	1.119	1.028		-8.132	50.0
Anthracene	1.108	0.894		-19.314	50.0
Fluoranthene	1.360	1.174		-13.676	50.0
Pyrene	1.619	1.456		-10.068	50.0
Terphenyl-d14	0.979	0.806		-17.671	50.0
Benzo(a)anthracene	1.543	1.204		-21.97	50.0
Chrysene	1.469	1.299		-11.572	50.0
Bis(2-ethylhexyl)phthalate	0.903	0.410		-54.596	50.0
Benzo(b)fluoranthene	1.436	1.286		-10.446	50.0
Benzo(k)fluoranthene	1.359	1.366		0.515	50.0
Benzo(a)pyrene	1.248	0.996		-20.192	50.0
Indeno(1,2,3-cd)pyrene	1.594	1.091		-31.556	50.0
Dibenzo(a,h)anthracene	1.264	0.891		-29.509	50.0
Benzo(g,h,i)perylene	1.359	0.925		-31.935	50.0
1,4-Dioxane	0.492	0.433		-11.992	50.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN051024 SAS No.: BN051024 SDG No.: BN051024

Instrument ID: BNA_N Calibration Date/Time: 5/11/2024 12 07:36

Lab File ID: BN031487.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	0.645	0.550		-14.729	20.0
Fluoranthene-d10	1.110	0.885		-20.27	20.0
n-Nitrosodimethylamine	0.486	0.462		-4.938	20.0
2-Fluorophenol	1.136	0.839		-26.144	20.0
Phenol-d6	1.531	1.144		-25.278	20.0
bis(2-Chloroethyl)ether	1.333	1.190		-10.728	20.0
Nitrobenzene-d5	0.287	0.285		-0.697	20.0
Naphthalene	1.112	1.013		-8.903	20.0
Hexachlorobutadiene	0.195	0.178		-8.718	20.0
2-Methylnaphthalene	0.758	0.663		-12.533	20.0
2-Fluorobiphenyl	1.542	1.474		-4.41	20.0
Acenaphthylene	2.013	1.668		-17.139	20.0
Acenaphthene	1.255	1.125		-10.359	20.0
Fluorene	1.642	1.430		-12.911	20.0
4,6-Dinitro-2-methylphenol	0.033	0.031		-6.061	20.0
2,4,6-Tribromophenol	0.152	0.100		-34.211	20.0
4-Bromophenyl-phenylether	0.234	0.207		-11.538	20.0
Hexachlorobenzene	0.236	0.236		0.0	20.0
Atrazine	0.213	0.132		-38.028	20.0
Pentachlorophenol	0.083	0.058		-30.12	20.0
Phenanthrene	1.119	1.029		-8.043	20.0
Anthracene	1.108	0.894		-19.314	20.0
Fluoranthene	1.360	1.174		-13.676	20.0
Pyrene	1.619	1.466		-9.45	20.0
Terphenyl-d14	0.979	0.801		-18.182	20.0
Benzo(a)anthracene	1.543	1.193		-22.683	20.0
Chrysene	1.469	1.330		-9.462	20.0
Bis(2-ethylhexyl)phthalate	0.903	0.396		-56.146	20.0
Benzo(b)fluoranthene	1.436	1.271		-11.49	20.0
Benzo(k)fluoranthene	1.359	1.356		-0.221	20.0
Benzo(a)pyrene	1.248	1.035		-17.067	20.0
Indeno(1,2,3-cd)pyrene	1.594	1.100		-30.991	20.0
Dibenzo(a,h)anthracene	1.264	0.889		-29.668	20.0
Benzo(g,h,i)perylene	1.359	0.906		-33.333	20.0
1,4-Dioxane	0.492	0.439		-10.772	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN051024 SAS No.: BN051024 SDG No.: BN051024

Instrument ID: BNA_N Calibration Date/Time: 5/11/2024 12 12:26

Lab File ID: BN031495.D Init. Calib. Date(s):

EPA Sample No.: SSTDCCC0.4EC Init. Calib. Time(s):

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.645	0.540		-16.279	50.0
Fluoranthene-d10	1.110	0.877		-20.991	50.0
n-Nitrosodimethylamine	0.486	0.475		-2.263	50.0
2-Fluorophenol	1.136	0.718		-36.796	50.0
Phenol-d6	1.531	1.072		-29.98	50.0
bis(2-Chloroethyl)ether	1.333	1.191		-10.653	50.0
Nitrobenzene-d5	0.287	0.280		-2.439	50.0
Naphthalene	1.112	1.003		-9.802	50.0
Hexachlorobutadiene	0.195	0.179		-8.205	50.0
2-Methylnaphthalene	0.758	0.651		-14.116	50.0
2-Fluorobiphenyl	1.542	1.482		-3.891	50.0
Acenaphthylene	2.013	1.643		-18.381	50.0
Acenaphthene	1.255	1.105		-11.952	50.0
Fluorene	1.642	1.432		-12.789	50.0
4,6-Dinitro-2-methylphenol	0.033	0.017		-48.485	50.0
2,4,6-Tribromophenol	0.152	0.069		-54.605	50.0
4-Bromophenyl-phenylether	0.234	0.206		-11.966	50.0
Hexachlorobenzene	0.236	0.237		0.424	50.0
Atrazine	0.213	0.121		-43.192	50.0
Pentachlorophenol	0.083	0.031		-62.651	50.0
Phenanthrene	1.119	1.034		-7.596	50.0
Anthracene	1.108	0.881		-20.487	50.0
Fluoranthene	1.360	1.164		-14.412	50.0
Pyrene	1.619	1.465		-9.512	50.0
Terphenyl-d14	0.979	0.804		-17.875	50.0
Benzo(a)anthracene	1.543	1.170		-24.174	50.0
Chrysene	1.469	1.316		-10.415	50.0
Bis(2-ethylhexyl)phthalate	0.903	0.400		-55.703	50.0
Benzo(b)fluoranthene	1.436	1.262		-12.117	50.0
Benzo(k)fluoranthene	1.359	1.460		7.432	50.0
Benzo(a)pyrene	1.248	0.985		-21.074	50.0
Indeno(1,2,3-cd)pyrene	1.594	1.103		-30.803	50.0
Dibenzo(a,h)anthracene	1.264	0.896		-29.114	50.0
Benzo(g,h,i)perylene	1.359	0.938		-30.979	50.0
1,4-Dioxane	0.492	0.452		-8.13	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	PB160529BL			SDG No.:	BN051024
Lab Sample ID:	PB160529BL			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031457.D	1	4/25/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160529

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.3	U	1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	0.85	U	0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	0.69	U	0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	0.69	U	0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	0.8	U	0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	0.63	U	0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	0.55	U	0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	14.61	U	14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	0.6	U	0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4.3	U	4.3	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	0.79	U	0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	0.85	U	0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	0.76	U	0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	0.63	U	0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	0.79	U	0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	0.67	U	0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	0.95	U	0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	0.76	U	0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	0.86	U	0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	0.98	U	0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	1.7	U	1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.3	U	1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	2.2	U	2.2	6.6	6.6	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	PB160529BL			SDG No.:	BN051024
Lab Sample ID:	PB160529BL			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031457.D	1	4/25/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160529

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.304		21-128		76	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.312		13-127		78	SPK: -0.4
367-12-4	2-Fluorophenol	0.316		28-122		79	SPK: -0.4
13127-88-3	Phenol-d6	0.308		12-126		77	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.304		14-112		76	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.327		22-114		82	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.249		10-137		62	SPK: -0.4
1718-51-0	Terphenyl-d14	0.31		21-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12631	7.711				
1146-65-2	Naphthalene-d8	38496	10.496				
15067-26-2	Acenaphthene-d10	21522	14.349				
1517-22-2	Phenanthrene-d10	48749	17.09				
1719-03-5	Chrysene-d12	39331	21.273				
1520-96-3	Perylene-d12	41785	23.519				

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Report of Analysis

Client:				Date Collected:	4/22/2024 12:00:00 AM
Project:				Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	PT-PAH-SOIL			SDG No.:	BN051024
Lab Sample ID:	P2252-13			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.25	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031458.D	1	4/25/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160529

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.3	U	1.3	6.5	6.5	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	0.84	U	0.84	3.3	3.3	ug/Kg
91-20-3	Naphthalene	530	E	0.68	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	0.68	U	0.68	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	250	E	0.79	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	550	E	0.62	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	580	E	0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	4490.9	E	14.32	3.3	52.8	ug/Kg
86-73-7	Fluorene	140		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4.2	U	4.2	6.5	6.5	ug/Kg
101-55-3	4-Bromophenyl-phenylether	0.78	U	0.78	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	0.84	U	0.84	3.3	3.3	ug/Kg
1912-24-9	Atrazine	0.75	U	0.75	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	2.8	U	2.8	6.5	6.5	ug/Kg
85-01-8	Phenanthrene	590	E	0.62	3.3	3.3	ug/Kg
120-12-7	Anthracene	220	E	0.78	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	200	E	0.66	3.3	3.3	ug/Kg
129-00-0	Pyrene	270	E	0.94	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	140		0.75	3.3	3.3	ug/Kg
218-01-9	Chrysene	170	E	0.85	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	72.3		1.5	6.5	6.5	ug/Kg
205-99-2	Benzo(b)fluoranthene	60.9		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	320	E	0.97	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	180	E	1.6	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	E	1.2	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220	E	1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	2.2	U	2.2	6.5	6.5	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/22/2024 12:00:00 AM
Project:				Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	PT-PAH-SOIL			SDG No.:	BN051024
Lab Sample ID:	P2252-13			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.25	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031458.D	1	4/25/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160529

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.3		21-128		75	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.332		13-127		83	SPK: -0.4
367-12-4	2-Fluorophenol	0.28		28-122		70	SPK: -0.4
13127-88-3	Phenol-d6	0.311		12-126		78	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.278		14-112		69	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.318		22-114		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.254		10-137		63	SPK: -0.4
1718-51-0	Terphenyl-d14	0.286		21-130		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12238	7.711				
1146-65-2	Naphthalene-d8	40542	10.496				
15067-26-2	Acenaphthene-d10	23274	14.349				
1517-22-2	Phenanthrene-d10	53728	17.091				
1719-03-5	Chrysene-d12	48091	21.274				
1520-96-3	Perylene-d12	48163	23.516				

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Report of Analysis

Client:				Date Collected:	4/22/2024 12:00:00 AM
Project:				Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	PT-PAH-SOILDL			SDG No.:	BN051024
Lab Sample ID:	P2252-13DL			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.25	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031459.D	5	4/25/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160529

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	6.5	U	6.5	32.7	32.7	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	4.2	U	4.2	16.4	16.4	ug/Kg
91-20-3	Naphthalene	600	D	3.4	16.4	16.4	ug/Kg
87-68-3	Hexachlorobutadiene	3.4	U	3.4	16.4	16.4	ug/Kg
91-57-6	2-Methylnaphthalene	280	D	4	16.4	16.4	ug/Kg
208-96-8	Acenaphthylene	600	D	3.1	16.4	16.4	ug/Kg
83-32-9	Acenaphthene	650	D	2.7	16.4	16.4	ug/Kg
Total PAH	Total PAH	4963	D	72	16.4	262.4	ug/Kg
86-73-7	Fluorene	150	D	3	16.4	16.4	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21.1	U	21.1	32.7	32.7	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3.9	U	3.9	16.4	16.4	ug/Kg
118-74-1	Hexachlorobenzene	4.2	U	4.2	16.4	16.4	ug/Kg
1912-24-9	Atrazine	3.8	U	3.8	16.4	16.4	ug/Kg
87-86-5	Pentachlorophenol	14	U	14	32.7	32.7	ug/Kg
85-01-8	Phenanthrene	670	D	3.1	16.4	16.4	ug/Kg
120-12-7	Anthracene	240	D	3.9	16.4	16.4	ug/Kg
206-44-0	Fluoranthene	220	D	3.3	16.4	16.4	ug/Kg
129-00-0	Pyrene	310	D	4.7	16.4	16.4	ug/Kg
56-55-3	Benzo(a)anthracene	150	D	3.8	16.4	16.4	ug/Kg
218-01-9	Chrysene	190	D	4.3	16.4	16.4	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.8	D	7.3	32.7	32.7	ug/Kg
205-99-2	Benzo(b)fluoranthene	63	D	5.9	16.4	16.4	ug/Kg
207-08-9	Benzo(k)fluoranthene	360	D	4.9	16.4	16.4	ug/Kg
50-32-8	Benzo(a)pyrene	190	D	8.2	16.4	16.4	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	D	6.2	16.4	16.4	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	D	5.8	16.4	16.4	ug/Kg
191-24-2	Benzo(g,h,i)perylene	230	D	5.7	16.4	16.4	ug/Kg
123-91-1	1,4-Dioxane	11	U	11	32.7	32.7	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/22/2024 12:00:00 AM
Project:				Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	PT-PAH-SOILDL			SDG No.:	BN051024
Lab Sample ID:	P2252-13DL			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.25	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031459.D	5	4/25/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160529

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.335		21-128		84	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.345		13-127		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.305		28-122		76	SPK: -0.4
13127-88-3	Phenol-d6	0.335		12-126		84	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.345		14-112		86	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.34		22-114		85	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.29		10-137		72	SPK: -0.4
1718-51-0	Terphenyl-d14	0.31		21-130		77	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	13551	7.711				
1146-65-2	Naphthalene-d8	44724	10.496				
15067-26-2	Acenaphthene-d10	26672	14.338				
1517-22-2	Phenanthrene-d10	61092	17.091				
1719-03-5	Chrysene-d12	51704	21.274				
1520-96-3	Perylene-d12	51191	23.519				

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Report of Analysis

Client:				Date Collected:	4/22/2024 12:00:00 AM
Project:				Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	PT-BNA-SOIL			SDG No.:	BN051024
Lab Sample ID:	P2252-11			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	29.98	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031460.D	1	4/25/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160529

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.3	U	1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	0.85	U	0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	2.6	J	0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	2700	E	0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	760	E	0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	1200	E	0.63	3.3	3.3	ug/Kg
83-32-9	Acenaphthene	860	E	0.55	3.3	3.3	ug/Kg
Total PAH	Total PAH	14671.1	E	14.61	3.3	52.8	ug/Kg
86-73-7	Fluorene	3200	E	0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4.3	U	4.3	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2900	E	0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	0.85	U	0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	0.76	U	0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	3000	E	2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	0.63	U	0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	1500	E	0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	1000	E	0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	3.1	J	0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	1.6	J	0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	3.8		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	12.2		1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	E	0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	1000	E	1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100	E	1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900	E	1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	E	1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	2.2	U	2.2	6.6	6.6	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/22/2024 12:00:00 AM
Project:				Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	PT-BNA-SOIL			SDG No.:	BN051024
Lab Sample ID:	P2252-11			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	29.98	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031460.D	1	4/25/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160529

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	21-128		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	13-127		0	SPK: -0.4
367-12-4	2-Fluorophenol	83.484	*	28-122		20871	SPK: -0.4
13127-88-3	Phenol-d6	87.867	*	12-126		21967	SPK: -0.4
4165-60-0	Nitrobenzene-d5	73.603	*	14-112		18401	SPK: -0.4
321-60-8	2-Fluorobiphenyl	57.681	*	22-114		14420	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	135.403	*	10-137		33851	SPK: -0.4
1718-51-0	Terphenyl-d14	47.495	*	21-130		11874	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	14152	7.711				
1146-65-2	Naphthalene-d8	45725	10.496				
15067-26-2	Acenaphthene-d10	25979	14.349				
1517-22-2	Phenanthrene-d10	58759	17.091				
1719-03-5	Chrysene-d12	53124	21.274				
1520-96-3	Perylene-d12	50574	23.522				

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Report of Analysis

Client:				Date Collected:	4/22/2024 12:00:00 AM
Project:				Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	PT-BNA-SOILDL			SDG No.:	BN051024
Lab Sample ID:	P2252-11DL			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	29.98	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031461.D	50	4/25/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160529

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	65.5	U	65.5	330	330	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	42.5	U	42.5	170	170	ug/Kg
91-20-3	Naphthalene	34.5	U	34.5	170	170	ug/Kg
87-68-3	Hexachlorobutadiene	3100	D	34.5	170	170	ug/Kg
91-57-6	2-Methylnaphthalene	910	D	40	170	170	ug/Kg
208-96-8	Acenaphthylene	1300	D	31.5	170	170	ug/Kg
83-32-9	Acenaphthene	940	D	27.5	170	170	ug/Kg
Total PAH	Total PAH	18840	D	726.6	170	2720	ug/Kg
86-73-7	Fluorene	4900	D	30	170	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	210	U	210	330	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3700	D	39.5	170	170	ug/Kg
118-74-1	Hexachlorobenzene	42.5	U	42.5	170	170	ug/Kg
1912-24-9	Atrazine	38	U	38	170	170	ug/Kg
87-86-5	Pentachlorophenol	2000	D	140	330	330	ug/Kg
85-01-8	Phenanthrene	31.5	U	31.5	170	170	ug/Kg
120-12-7	Anthracene	1800	D	39.5	170	170	ug/Kg
206-44-0	Fluoranthene	1300	D	33.5	170	170	ug/Kg
129-00-0	Pyrene	47.5	U	47.5	170	170	ug/Kg
56-55-3	Benzo(a)anthracene	38	U	38	170	170	ug/Kg
218-01-9	Chrysene	43	U	43	170	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	73.5	U	73.5	330	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	59.5	U	59.5	170	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	2100	D	49	170	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100	D	83.1	170	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300	D	63	170	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2500	D	58.5	170	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600	D	57	170	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	330	330	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/22/2024 12:00:00 AM
Project:				Date Received:	4/22/2024 12:00:00 AM
Client Sample ID:	PT-BNA-SOILDL			SDG No.:	BN051024
Lab Sample ID:	P2252-11DL			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	29.98	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031461.D	50	4/25/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160529

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0	U	21-128		0	SPK: -0.4
93951-69-0	Fluoranthene-d10	0	U	13-127		0	SPK: -0.4
367-12-4	2-Fluorophenol	89.2	*	28-122		22300	SPK: -0.4
13127-88-3	Phenol-d6	94.85	*	12-126		23713	SPK: -0.4
4165-60-0	Nitrobenzene-d5	73.35	*	14-112		18338	SPK: -0.4
321-60-8	2-Fluorobiphenyl	71.1	*	22-114		17775	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	104.65	*	10-137		26163	SPK: -0.4
1718-51-0	Terphenyl-d14	73	*	21-130		18250	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	13168	7.711				
1146-65-2	Naphthalene-d8	42906	10.496				
15067-26-2	Acenaphthene-d10	25434	14.338				
1517-22-2	Phenanthrene-d10	56120	17.091				
1719-03-5	Chrysene-d12	48760	21.274				
1520-96-3	Perylene-d12	52346	23.519				

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-1-T0			SDG No.:	BN051024
Lab Sample ID:	P2315-01			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
BN031462.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

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	0.77		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	0.84		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-1-T0			SDG No.:	BN051024
Lab Sample ID:	P2315-01			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
BN031462.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.27		30-150		68	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.312		30-150		78	SPK: -0.4
367-12-4	2-Fluorophenol	0.05		10-92		13	SPK: -0.4
13127-88-3	Phenol-d6	0.003	*	10-100		1	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.286		11-175		72	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.29		10-175		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.261		24-148		65	SPK: -0.4
1718-51-0	Terphenyl-d14	0.312		54-171		78	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	13272	7.711				
1146-65-2	Naphthalene-d8	44414	10.496				
15067-26-2	Acenaphthene-d10	26296	14.338				
1517-22-2	Phenanthrene-d10	60969	17.091				
1719-03-5	Chrysene-d12	53607	21.274				
1520-96-3	Perylene-d12	57700	23.522				

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-1-T9			SDG No.:	BN051024
Lab Sample ID:	P2315-02			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
BN031463.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

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	0.05	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	0.63		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.06	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.06	J	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	J	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	J	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	J	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.69		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-1-T9			SDG No.:	BN051024
Lab Sample ID:	P2315-02			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
BN031463.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.266		30-150		67	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.321		30-150		80	SPK: -0.4
367-12-4	2-Fluorophenol	0.121		10-92		30	SPK: -0.4
13127-88-3	Phenol-d6	0.078		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.282		11-175		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.285		10-175		71	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.312		24-148		78	SPK: -0.4
1718-51-0	Terphenyl-d14	0.365		54-171		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	16112	7.711				
1146-65-2	Naphthalene-d8	52925	10.496				
15067-26-2	Acenaphthene-d10	31278	14.338				
1517-22-2	Phenanthrene-d10	71485	17.091				
1719-03-5	Chrysene-d12	61309	21.274				
1520-96-3	Perylene-d12	60177	23.516				

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	PB160529BS			SDG No.:	BN051024
Lab Sample ID:	PB160529BS			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031464.D	1	4/25/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160529

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	11.8		1.3	6.6	6.6	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	11.9		0.85	3.3	3.3	ug/Kg
91-20-3	Naphthalene	11.9		0.69	3.3	3.3	ug/Kg
87-68-3	Hexachlorobutadiene	11.9		0.69	3.3	3.3	ug/Kg
91-57-6	2-Methylnaphthalene	11.7		0.8	3.3	3.3	ug/Kg
208-96-8	Acenaphthylene	11.2		0.63	3.3	3.3	ug/Kg
Total PAH	Total PAH	181.3		14.61	3.3	52.8	ug/Kg
83-32-9	Acenaphthene	11.7		0.55	3.3	3.3	ug/Kg
86-73-7	Fluorene	11.6		0.6	3.3	3.3	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	10.4		4.2	6.6	6.6	ug/Kg
101-55-3	4-Bromophenyl-phenylether	11.8		0.79	3.3	3.3	ug/Kg
118-74-1	Hexachlorobenzene	12.6		0.85	3.3	3.3	ug/Kg
1912-24-9	Atrazine	10		0.76	3.3	3.3	ug/Kg
87-86-5	Pentachlorophenol	10.5		2.8	6.6	6.6	ug/Kg
85-01-8	Phenanthrene	11.8		0.63	3.3	3.3	ug/Kg
120-12-7	Anthracene	11.1		0.79	3.3	3.3	ug/Kg
206-44-0	Fluoranthene	11.7		0.67	3.3	3.3	ug/Kg
129-00-0	Pyrene	11.6		0.95	3.3	3.3	ug/Kg
56-55-3	Benzo(a)anthracene	11		0.76	3.3	3.3	ug/Kg
218-01-9	Chrysene	11.4		0.86	3.3	3.3	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	8.1		1.5	6.6	6.6	ug/Kg
205-99-2	Benzo(b)fluoranthene	11.7		1.2	3.3	3.3	ug/Kg
207-08-9	Benzo(k)fluoranthene	12.1		0.98	3.3	3.3	ug/Kg
50-32-8	Benzo(a)pyrene	11.3		1.7	3.3	3.3	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	10.4		1.3	3.3	3.3	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	10.6		1.2	3.3	3.3	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10.2		1.1	3.3	3.3	ug/Kg
123-91-1	1,4-Dioxane	11.5		2.2	6.6	6.6	ug/Kg

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	PB160529BS			SDG No.:	BN051024
Lab Sample ID:	PB160529BS			Matrix:	Solid
Analytical Method:	8270-Modified			% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031464.D	1	4/25/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160529

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.348		21-128		87	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.339		13-127		85	SPK: -0.4
367-12-4	2-Fluorophenol	0.336		28-122		84	SPK: -0.4
13127-88-3	Phenol-d6	0.339		12-126		85	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.373		14-112		93	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.362		22-114		90	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.326		10-137		81	SPK: -0.4
1718-51-0	Terphenyl-d14	0.328		21-130		82	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11511	7.711				
1146-65-2	Naphthalene-d8	37297	10.496				
15067-26-2	Acenaphthene-d10	22203	14.349				
1517-22-2	Phenanthrene-d10	49511	17.091				
1719-03-5	Chrysene-d12	43435	21.274				
1520-96-3	Perylene-d12	45669	23.513				

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-1-T20			SDG No.:	BN051024
Lab Sample ID:	P2315-03			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
BN031465.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

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	J	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	J	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.51		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	J	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	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	0.68		0.07	0.2	0.2	ug/L

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-1-T20			SDG No.:	BN051024
Lab Sample ID:	P2315-03			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
BN031465.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.278		30-150		69	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.336		30-150		84	SPK: -0.4
367-12-4	2-Fluorophenol	0.123		10-92		31	SPK: -0.4
13127-88-3	Phenol-d6	0.08		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.285		11-175		71	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.29		10-175		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.269		24-148		67	SPK: -0.4
1718-51-0	Terphenyl-d14	0.346		54-171		86	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12286	7.711				
1146-65-2	Naphthalene-d8	40001	10.496				
15067-26-2	Acenaphthene-d10	23943	14.349				
1517-22-2	Phenanthrene-d10	54696	17.091				
1719-03-5	Chrysene-d12	50081	21.274				
1520-96-3	Perylene-d12	49974	23.513				

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-1-T35			SDG No.:	BN051024
Lab Sample ID:	P2315-04			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
BN031466.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

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	0.53		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	0.72		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-1-T35			SDG No.:	BN051024
Lab Sample ID:	P2315-04			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
BN031466.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.271		30-150		68	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.324		30-150		81	SPK: -0.4
367-12-4	2-Fluorophenol	0.116		10-92		29	SPK: -0.4
13127-88-3	Phenol-d6	0.073		10-100		18	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.283		11-175		71	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.289		10-175		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.275		24-148		69	SPK: -0.4
1718-51-0	Terphenyl-d14	0.341		54-171		85	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	13362	7.711				
1146-65-2	Naphthalene-d8	43248	10.496				
15067-26-2	Acenaphthene-d10	25707	14.349				
1517-22-2	Phenanthrene-d10	58836	17.091				
1719-03-5	Chrysene-d12	51451	21.274				
1520-96-3	Perylene-d12	50767	23.513				

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Report of Analysis

Client:				Date Collected:	4/26/2024 12:00:00 AM
Project:				Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	TEST-3-T0			SDG No.:	BN051024
Lab Sample ID:	P2316-01			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
BN031467.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

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	0.72		0.07	0.2	0.2	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	4/26/2024 12:00:00 AM
Project:				Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	TEST-3-T0			SDG No.:	BN051024
Lab Sample ID:	P2316-01			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
BN031467.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.004	*	30-150		1	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.146		30-150		36	SPK: -0.4
367-12-4	2-Fluorophenol	0.025	*	10-92		6	SPK: -0.4
13127-88-3	Phenol-d6	0.002	*	10-100		1	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.275		11-175		69	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.29		10-175		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.214		24-148		53	SPK: -0.4
1718-51-0	Terphenyl-d14	0.37		54-171		93	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11928	7.711				
1146-65-2	Naphthalene-d8	38773	10.496				
15067-26-2	Acenaphthene-d10	23030	14.338				
1517-22-2	Phenanthrene-d10	53764	17.091				
1719-03-5	Chrysene-d12	45903	21.274				
1520-96-3	Perylene-d12	46119	23.513				

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Report of Analysis

Client:				Date Collected:	4/26/2024 12:00:00 AM
Project:				Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	TEST-3-T8			SDG No.:	BN051024
Lab Sample ID:	P2316-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031468.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

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	0.14	J	0.07	0.2	0.2	ug/L

CHEMTECH
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Report of Analysis

Client:				Date Collected:	4/26/2024 12:00:00 AM
Project:				Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	TEST-3-T8			SDG No.:	BN051024
Lab Sample ID:	P2316-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031468.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.253		30-150		63	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.27		30-150		68	SPK: -0.4
367-12-4	2-Fluorophenol	0.102		10-92		25	SPK: -0.4
13127-88-3	Phenol-d6	0.062		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.271		11-175		68	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.267		10-175		67	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.224		24-148		56	SPK: -0.4
1718-51-0	Terphenyl-d14	0.266		54-171		67	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12773	7.711				
1146-65-2	Naphthalene-d8	40265	10.496				
15067-26-2	Acenaphthene-d10	23814	14.338				
1517-22-2	Phenanthrene-d10	54023	17.091				
1719-03-5	Chrysene-d12	45660	21.274				
1520-96-3	Perylene-d12	45254	23.513				

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Report of Analysis

Client:				Date Collected:	5/1/2024 12:00:00 AM
Project:				Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	PB160640BL			SDG No.:	BN051024
Lab Sample ID:	PB160640BL			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
BN031472.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

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:	5/1/2024 12:00:00 AM
Project:				Date Received:	5/1/2024 12:00:00 AM
Client Sample ID:	PB160640BL			SDG No.:	BN051024
Lab Sample ID:	PB160640BL			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
BN031472.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.286		30-150		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.271		30-150		68	SPK: -0.4
367-12-4	2-Fluorophenol	0.288		10-92		72	SPK: -0.4
13127-88-3	Phenol-d6	0.281		10-100		70	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.318		11-175		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.318		10-175		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.22		24-148		55	SPK: -0.4
1718-51-0	Terphenyl-d14	0.293		54-171		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12859	7.711				
1146-65-2	Naphthalene-d8	39686	10.496				
15067-26-2	Acenaphthene-d10	21773	14.338				
1517-22-2	Phenanthrene-d10	48396	17.091				
1719-03-5	Chrysene-d12	35416	21.274				
1520-96-3	Perylene-d12	33686	23.51				

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Report of Analysis

Client:				Date Collected:	4/26/2024 12:00:00 AM
Project:				Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	TEST-3-T17			SDG No.:	BN051024
Lab Sample ID:	P2316-03			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
BN031473.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

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	0.08	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/26/2024 12:00:00 AM
Project:				Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	TEST-3-T17			SDG No.:	BN051024
Lab Sample ID:	P2316-03			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
BN031473.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.249		30-150		62	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.304		30-150		76	SPK: -0.4
367-12-4	2-Fluorophenol	0.093		10-92		23	SPK: -0.4
13127-88-3	Phenol-d6	0.056		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.273		11-175		68	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.267		10-175		67	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.203		24-148		51	SPK: -0.4
1718-51-0	Terphenyl-d14	0.314		54-171		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	13556	7.711				
1146-65-2	Naphthalene-d8	42935	10.496				
15067-26-2	Acenaphthene-d10	24624	14.338				
1517-22-2	Phenanthrene-d10	56895	17.091				
1719-03-5	Chrysene-d12	46148	21.274				
1520-96-3	Perylene-d12	40474	23.51				

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Report of Analysis

Client:				Date Collected:	4/26/2024 12:00:00 AM
Project:				Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	TEST-3-T28			SDG No.:	BN051024
Lab Sample ID:	P2316-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031474.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

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:	4/26/2024 12:00:00 AM
Project:				Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	TEST-3-T28			SDG No.:	BN051024
Lab Sample ID:	P2316-04			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031474.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.23		30-150		57	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.278		30-150		69	SPK: -0.4
367-12-4	2-Fluorophenol	0.096		10-92		24	SPK: -0.4
13127-88-3	Phenol-d6	0.059		10-100		15	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.253		11-175		63	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.25		10-175		63	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.196		24-148		49	SPK: -0.4
1718-51-0	Terphenyl-d14	0.294		54-171		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	15156	7.711				
1146-65-2	Naphthalene-d8	47604	10.496				
15067-26-2	Acenaphthene-d10	26951	14.338				
1517-22-2	Phenanthrene-d10	61007	17.078				
1719-03-5	Chrysene-d12	48661	21.265				
1520-96-3	Perylene-d12	41416	23.507				

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-1-T53			SDG No.:	BN051024
Lab Sample ID:	P2317-01			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
BN031475.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

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	0.51		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	0.42		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-1-T53			SDG No.:	BN051024
Lab Sample ID:	P2317-01			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
BN031475.D	1	5/1/2024 12:00:00 AM	5/10/2024 12:00:00 AM	PB160640

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	0.328		30-150		82	SPK: -0.4
367-12-4	2-Fluorophenol	0.092		10-92		23	SPK: -0.4
13127-88-3	Phenol-d6	0.055		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.269		11-175		67	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.268		10-175		67	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.23		24-148		57	SPK: -0.4
1718-51-0	Terphenyl-d14	0.29		54-171		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11415	7.711				
1146-65-2	Naphthalene-d8	36510	10.496				
15067-26-2	Acenaphthene-d10	20794	14.338				
1517-22-2	Phenanthrene-d10	47759	17.091				
1719-03-5	Chrysene-d12	42401	21.265				
1520-96-3	Perylene-d12	42702	23.507				

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-1-T72			SDG No.:	BN051024
Lab Sample ID:	P2317-02			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
BN031476.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

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	0.49		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	0.31		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-1-T72			SDG No.:	BN051024
Lab Sample ID:	P2317-02			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
BN031476.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.242		30-150		60	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.322		30-150		81	SPK: -0.4
367-12-4	2-Fluorophenol	0.094		10-92		23	SPK: -0.4
13127-88-3	Phenol-d6	0.058		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.261		11-175		65	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.258		10-175		64	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.226		24-148		56	SPK: -0.4
1718-51-0	Terphenyl-d14	0.297		54-171		74	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12633	7.711				
1146-65-2	Naphthalene-d8	40356	10.496				
15067-26-2	Acenaphthene-d10	23189	14.338				
1517-22-2	Phenanthrene-d10	52243	17.09				
1719-03-5	Chrysene-d12	45883	21.265				
1520-96-3	Perylene-d12	44515	23.507				

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Report of Analysis

Client:				Date Collected:	4/26/2024 12:00:00 AM
Project:				Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	TEST-3-T38			SDG No.:	BN051024
Lab Sample ID:	P2318-01			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
BN031477.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

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	0.24		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:	4/26/2024 12:00:00 AM
Project:				Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	TEST-3-T38			SDG No.:	BN051024
Lab Sample ID:	P2318-01			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
BN031477.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

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	0.27		30-150		68	SPK: -0.4
367-12-4	2-Fluorophenol	0.093		10-92		23	SPK: -0.4
13127-88-3	Phenol-d6	0.056		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.278		11-175		69	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.264		10-175		66	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.201		24-148		50	SPK: -0.4
1718-51-0	Terphenyl-d14	0.26		54-171		65	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12753	7.711				
1146-65-2	Naphthalene-d8	40042	10.496				
15067-26-2	Acenaphthene-d10	23413	14.338				
1517-22-2	Phenanthrene-d10	53544	17.091				
1719-03-5	Chrysene-d12	44507	21.265				
1520-96-3	Perylene-d12	40871	23.507				

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Report of Analysis

Client:				Date Collected:	4/26/2024 12:00:00 AM
Project:				Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	TEST-3-T50			SDG No.:	BN051024
Lab Sample ID:	P2318-02			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
BN031478.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

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	0.2		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:	4/26/2024 12:00:00 AM
Project:				Date Received:	4/26/2024 12:00:00 AM
Client Sample ID:	TEST-3-T50			SDG No.:	BN051024
Lab Sample ID:	P2318-02			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
BN031478.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.263		30-150		66	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.299		30-150		75	SPK: -0.4
367-12-4	2-Fluorophenol	0.105		10-92		26	SPK: -0.4
13127-88-3	Phenol-d6	0.063		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.297		11-175		74	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.282		10-175		70	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.221		24-148		55	SPK: -0.4
1718-51-0	Terphenyl-d14	0.293		54-171		73	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	13331	7.711				
1146-65-2	Naphthalene-d8	41481	10.496				
15067-26-2	Acenaphthene-d10	23972	14.338				
1517-22-2	Phenanthrene-d10	55270	17.091				
1719-03-5	Chrysene-d12	45799	21.265				
1520-96-3	Perylene-d12	39591	23.507				

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-2-T0			SDG No.:	BN051024
Lab Sample ID:	P2318-03			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
BN031479.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

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	0.24		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	0.76		0.07	0.2	0.2	ug/L

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-2-T0			SDG No.:	BN051024
Lab Sample ID:	P2318-03			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
BN031479.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.22		30-150		55	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.293		30-150		73	SPK: -0.4
367-12-4	2-Fluorophenol	0.044		10-92		11	SPK: -0.4
13127-88-3	Phenol-d6	0.003	*	10-100		1	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.248		11-175		62	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.235		10-175		59	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.257		24-148		64	SPK: -0.4
1718-51-0	Terphenyl-d14	0.287		54-171		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12072	7.711				
1146-65-2	Naphthalene-d8	38134	10.496				
15067-26-2	Acenaphthene-d10	21989	14.338				
1517-22-2	Phenanthrene-d10	52999	17.078				
1719-03-5	Chrysene-d12	43543	21.265				
1520-96-3	Perylene-d12	37202	23.507				

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-2-T8			SDG No.:	BN051024
Lab Sample ID:	P2318-04			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
BN031480.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

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	0.16	J	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	0.34		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-2-T8			SDG No.:	BN051024
Lab Sample ID:	P2318-04			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
BN031480.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.23		30-150		57	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.259		30-150		65	SPK: -0.4
367-12-4	2-Fluorophenol	0.085		10-92		21	SPK: -0.4
13127-88-3	Phenol-d6	0.052		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.267		11-175		67	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.243		10-175		61	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.199		24-148		50	SPK: -0.4
1718-51-0	Terphenyl-d14	0.248		54-171		62	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12694	7.711				
1146-65-2	Naphthalene-d8	40102	10.495				
15067-26-2	Acenaphthene-d10	23210	14.338				
1517-22-2	Phenanthrene-d10	54140	17.078				
1719-03-5	Chrysene-d12	45034	21.264				
1520-96-3	Perylene-d12	37705	23.504				

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-2-T21			SDG No.:	BN051024
Lab Sample ID:	P2319-01			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
BN031481.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

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	0.16	J	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	0.25		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-2-T21			SDG No.:	BN051024
Lab Sample ID:	P2319-01			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
BN031481.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.25		30-150		63	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.287		30-150		72	SPK: -0.4
367-12-4	2-Fluorophenol	0.093		10-92		23	SPK: -0.4
13127-88-3	Phenol-d6	0.056		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.287		11-175		72	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.268		10-175		67	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.215		24-148		54	SPK: -0.4
1718-51-0	Terphenyl-d14	0.271		54-171		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12286	7.711				
1146-65-2	Naphthalene-d8	38745	10.496				
15067-26-2	Acenaphthene-d10	22456	14.338				
1517-22-2	Phenanthrene-d10	52481	17.078				
1719-03-5	Chrysene-d12	44726	21.265				
1520-96-3	Perylene-d12	41043	23.504				

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-2-T32			SDG No.:	BN051024
Lab Sample ID:	P2319-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031482.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

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	0.17	J	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	0.19	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-2-T32			SDG No.:	BN051024
Lab Sample ID:	P2319-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	990	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031482.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.225		30-150		56	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.303		30-150		76	SPK: -0.4
367-12-4	2-Fluorophenol	0.085		10-92		21	SPK: -0.4
13127-88-3	Phenol-d6	0.053		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.241		11-175		60	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.239		10-175		60	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.205		24-148		51	SPK: -0.4
1718-51-0	Terphenyl-d14	0.289		54-171		72	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11762	7.711				
1146-65-2	Naphthalene-d8	37114	10.495				
15067-26-2	Acenaphthene-d10	21538	14.338				
1517-22-2	Phenanthrene-d10	50209	17.078				
1719-03-5	Chrysene-d12	42751	21.264				
1520-96-3	Perylene-d12	37983	23.507				

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-2-T42			SDG No.:	BN051024
Lab Sample ID:	P2319-03			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
BN031483.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

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:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-2-T42			SDG No.:	BN051024
Lab Sample ID:	P2319-03			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
BN031483.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.254		30-150		63	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.316		30-150		79	SPK: -0.4
367-12-4	2-Fluorophenol	0.095		10-92		24	SPK: -0.4
13127-88-3	Phenol-d6	0.057		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.272		11-175		68	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.28		10-175		70	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.246		24-148		62	SPK: -0.4
1718-51-0	Terphenyl-d14	0.316		54-171		79	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12281	7.711				
1146-65-2	Naphthalene-d8	39113	10.496				
15067-26-2	Acenaphthene-d10	22378	14.338				
1517-22-2	Phenanthrene-d10	51644	17.078				
1719-03-5	Chrysene-d12	43898	21.265				
1520-96-3	Perylene-d12	38986	23.505				

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-2-T52			SDG No.:	BN051024
Lab Sample ID:	P2319-04			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
BN031484.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

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	0.14	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	4/25/2024 12:00:00 AM
Project:				Date Received:	4/25/2024 12:00:00 AM
Client Sample ID:	TEST-2-T52			SDG No.:	BN051024
Lab Sample ID:	P2319-04			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
BN031484.D	1	5/1/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160640

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	0.273		30-150		68	SPK: -0.4
367-12-4	2-Fluorophenol	0.097		10-92		24	SPK: -0.4
13127-88-3	Phenol-d6	0.061		10-100		15	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.273		11-175		68	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.271		10-175		68	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.205		24-148		51	SPK: -0.4
1718-51-0	Terphenyl-d14	0.27		54-171		68	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12118	7.711				
1146-65-2	Naphthalene-d8	38137	10.496				
15067-26-2	Acenaphthene-d10	22000	14.338				
1517-22-2	Phenanthrene-d10	51277	17.078				
1719-03-5	Chrysene-d12	42186	21.265				
1520-96-3	Perylene-d12	36837	23.505				

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Report of Analysis

Client:				Date Collected:	5/10/2024 12:00:00 AM
Project:				Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	PB160858BL			SDG No.:	BN051024
Lab Sample ID:	PB160858BL			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
BN031488.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

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:	5/10/2024 12:00:00 AM
Project:				Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	PB160858BL			SDG No.:	BN051024
Lab Sample ID:	PB160858BL			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
BN031488.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.28		30-150		70	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.261		30-150		65	SPK: -0.4
367-12-4	2-Fluorophenol	0.268		10-92		67	SPK: -0.4
13127-88-3	Phenol-d6	0.266		10-100		67	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.336		11-175		84	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.331		10-175		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.193		24-148		48	SPK: -0.4
1718-51-0	Terphenyl-d14	0.319		54-171		80	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	13051	7.711				
1146-65-2	Naphthalene-d8	39335	10.485				
15067-26-2	Acenaphthene-d10	20740	14.338				
1517-22-2	Phenanthrene-d10	45801	17.078				
1719-03-5	Chrysene-d12	29542	21.265				
1520-96-3	Perylene-d12	24341	23.504				

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Report of Analysis

Client:				Date Collected:	5/10/2024 12:00:00 AM
Project:				Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	PB160858BS			SDG No.:	BN051024
Lab Sample ID:	PB160858BS			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
BN031489.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.39		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.36		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.36		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.37		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	0.33		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.36		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.4		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	0.4		0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.35		0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.4		0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.25		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.27		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.37		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.32		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.34		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	0.31		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.36		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.2		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.35		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.42		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.32		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.28		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.28		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.28		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.36		0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	5/10/2024 12:00:00 AM
Project:				Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	PB160858BS			SDG No.:	BN051024
Lab Sample ID:	PB160858BS			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
BN031489.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.335		30-150		84	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.319		30-150		80	SPK: -0.4
367-12-4	2-Fluorophenol	0.286		10-92		72	SPK: -0.4
13127-88-3	Phenol-d6	0.296		10-100		74	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.392		11-175		98	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.381		10-175		95	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.26		24-148		65	SPK: -0.4
1718-51-0	Terphenyl-d14	0.332		54-171		83	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	14739	7.711				
1146-65-2	Naphthalene-d8	46521	10.485				
15067-26-2	Acenaphthene-d10	26105	14.338				
1517-22-2	Phenanthrene-d10	57728	17.078				
1719-03-5	Chrysene-d12	45520	21.265				
1520-96-3	Perylene-d12	38415	23.505				

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

Report of Analysis

Client:		Date Collected:	5/8/2024 12:00:00 AM
Project:		Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	RMW-06B-38-050824	SDG No.:	BN051024
Lab Sample ID:	P2428-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031490.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

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

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:		Date Collected:	5/8/2024 12:00:00 AM
Project:		Date Received:	5/8/2024 12:00:00 AM
Client Sample ID:	RMW-06B-38-050824	SDG No.:	BN051024
Lab Sample ID:	P2428-01	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031490.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.219		30-150		55	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.275		30-150		69	SPK: -0.4
367-12-4	2-Fluorophenol	0.085		10-92		21	SPK: -0.4
13127-88-3	Phenol-d6	0.055		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.28		11-175		70	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.319		10-175		80	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.211		24-148		53	SPK: -0.4
1718-51-0	Terphenyl-d14	0.42		54-171		105	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12003	7.711				
1146-65-2	Naphthalene-d8	37904	10.485				
15067-26-2	Acenaphthene-d10	20968	14.338				
1517-22-2	Phenanthrene-d10	47374	17.078				
1719-03-5	Chrysene-d12	36531	21.265				
1520-96-3	Perylene-d12	32230	23.501				

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Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	RMW-04B-92.5-050924	SDG No.:	BN051024
Lab Sample ID:	P2445-01	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
BN031491.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.03	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	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	0.16	J	0.07	0.2	0.2	ug/L

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Report of Analysis

Client:				Date Collected:	5/9/2024 12:00:00 AM
Project:				Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	RMW-04B-92.5-050924			SDG No.:	BN051024
Lab Sample ID:	P2445-01			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
BN031491.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.315		30-150		79	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.308		30-150		77	SPK: -0.4
367-12-4	2-Fluorophenol	0.142		10-92		36	SPK: -0.4
13127-88-3	Phenol-d6	0.092		10-100		23	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.405		11-175		101	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.467		10-175		117	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.277		24-148		69	SPK: -0.4
1718-51-0	Terphenyl-d14	0.364		54-171		91	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	12892	7.711				
1146-65-2	Naphthalene-d8	40900	10.485				
15067-26-2	Acenaphthene-d10	22658	14.338				
1517-22-2	Phenanthrene-d10	51090	17.078				
1719-03-5	Chrysene-d12	39640	21.265				
1520-96-3	Perylene-d12	32563	23.502				

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Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	RMW-04B-92.5-050924-FD	SDG No.:	BN051024
Lab Sample ID:	P2445-02	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031492.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

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	0.03	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	J	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.03	J	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.03	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	0.14	U	0.14	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	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	0.16	J	0.07	0.21	0.21	ug/L

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	5/9/2024 12:00:00 AM
Project:				Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	RMW-04B-92.5-050924-FD			SDG No.:	BN051024
Lab Sample ID:	P2445-02			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	970	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031492.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.308		30-150		77	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.288		30-150		72	SPK: -0.4
367-12-4	2-Fluorophenol	0.128		10-92		32	SPK: -0.4
13127-88-3	Phenol-d6	0.081		10-100		20	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.368		11-175		92	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.389		10-175		97	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.243		24-148		61	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	14083	7.711				
1146-65-2	Naphthalene-d8	44166	10.485				
15067-26-2	Acenaphthene-d10	24183	14.338				
1517-22-2	Phenanthrene-d10	52783	17.078				
1719-03-5	Chrysene-d12	34829	21.265				
1520-96-3	Perylene-d12	26629	23.505				

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Report of Analysis

Client:		Date Collected:	5/9/2024 12:00:00 AM
Project:		Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	RMW-05B-90-050924	SDG No.:	BN051024
Lab Sample ID:	P2445-06	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031493.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

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	0.07	J	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	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	0.38		0.07	0.2	0.2	ug/L

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Report of Analysis

Client:				Date Collected:	5/9/2024 12:00:00 AM
Project:				Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	RMW-05B-90-050924			SDG No.:	BN051024
Lab Sample ID:	P2445-06			Matrix:	Water
Analytical Method:	8270-Modified			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031493.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

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	0.312		30-150		78	SPK: -0.4
367-12-4	2-Fluorophenol	0.006	*	10-92		1	SPK: -0.4
13127-88-3	Phenol-d6	0.003	*	10-100		1	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.313		11-175		78	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.44		10-175		110	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.045	*	24-148		11	SPK: -0.4
1718-51-0	Terphenyl-d14	0.461		54-171		115	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	14293	7.711				
1146-65-2	Naphthalene-d8	44747	10.485				
15067-26-2	Acenaphthene-d10	23784	14.338				
1517-22-2	Phenanthrene-d10	52281	17.078				
1719-03-5	Chrysene-d12	33311	21.265				
1520-96-3	Perylene-d12	25276	23.502				

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	5/9/2024 12:00:00 AM
Project:				Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	EB-01-050924			SDG No.:	BN051024
Lab Sample ID:	P2445-08			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
BN031494.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

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	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.15	U	0.15	0.21	0.21	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.21	0.21	ug/L

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	5/9/2024 12:00:00 AM
Project:				Date Received:	5/9/2024 12:00:00 AM
Client Sample ID:	EB-01-050924			SDG No.:	BN051024
Lab Sample ID:	P2445-08			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
BN031494.D	1	5/10/2024 12:00:00 AM	5/11/2024 12:00:00 AM	PB160858

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.296		30-150		74	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.326		30-150		81	SPK: -0.4
367-12-4	2-Fluorophenol	0.096		10-92		24	SPK: -0.4
13127-88-3	Phenol-d6	0.068		10-100		17	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.354		11-175		88	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.407		10-175		102	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.168		24-148		42	SPK: -0.4
1718-51-0	Terphenyl-d14	0.412		54-171		103	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	11595	7.711				
1146-65-2	Naphthalene-d8	35387	10.485				
15067-26-2	Acenaphthene-d10	19296	14.338				
1517-22-2	Phenanthrene-d10	46480	17.078				
1719-03-5	Chrysene-d12	35173	21.265				
1520-96-3	Perylene-d12	27776	23.504				

CHEMTECH
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN051024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**PT-BNA-SOIL**							
P2252-11	PT-BNA-SOIL	Solid	2-Methylnaphthalene	760.000	E	0.8	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	4-Bromophenyl-phenylether	2,900.000	E	0.79	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Acenaphthene	860.000	E	0.55	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Acenaphthylene	1,200.000	E	0.63	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Anthracene	1,500.000	E	0.79	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Benzo(a)anthracene	1.600	J	0.76	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Benzo(a)pyrene	1,000.000	E	1.7	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Benzo(g,h,i)perylene	1,200.000	E	1.1	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Benzo(k)fluoranthene	1,700.000	E	0.98	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Bis(2-ethylhexyl)phthalate	12.200		1.5	6.6	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Chrysene	3.800		0.86	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Dibenzo(a,h)anthracene	1,900.000	E	1.2	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Fluoranthene	1,000.000	E	0.67	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Fluorene	3,200.000	E	0.6	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Hexachlorobutadiene	2,700.000	E	0.69	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Indeno(1,2,3-cd)pyrene	1,100.000	E	1.3	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Naphthalene	2.600	J	0.69	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Pentachlorophenol	3,000.000	E	2.8	6.6	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Pyrene	3.100	J	0.95	3.3	ug/Kg
P2252-11	PT-BNA-SOIL	Solid	Total PAH	14,671.000	E	14.61	52.8	ug/Kg
			Total Svoc :	**38,714.30**				
			Total Concentration:	**38,714.30**				
Client ID :	**PT-BNA-SOILDL**							
P2252-11DL	PT-BNA-SOILDL	Solid	2-Methylnaphthalene	910.000	D	40	170	ug/Kg
P2252-11DL	PT-BNA-SOILDL	Solid	4-Bromophenyl-phenylether	3,700.000	D	39.5	170	ug/Kg
P2252-11DL	PT-BNA-SOILDL	Solid	Acenaphthene	940.000	D	27.5	170	ug/Kg
P2252-11DL	PT-BNA-SOILDL	Solid	Acenaphthylene	1,300.000	D	31.5	170	ug/Kg
P2252-11DL	PT-BNA-SOILDL	Solid	Anthracene	1,800.000	D	39.5	170	ug/Kg
P2252-11DL	PT-BNA-SOILDL	Solid	Benzo(a)pyrene	1,100.000	D	83.1	170	ug/Kg
P2252-11DL	PT-BNA-SOILDL	Solid	Benzo(g,h,i)perylene	1,600.000	D	57	170	ug/Kg
P2252-11DL	PT-BNA-SOILDL	Solid	Benzo(k)fluoranthene	2,100.000	D	49	170	ug/Kg
P2252-11DL	PT-BNA-SOILDL	Solid	Dibenzo(a,h)anthracene	2,500.000	D	58.5	170	ug/Kg
P2252-11DL	PT-BNA-SOILDL	Solid	Fluoranthene	1,300.000	D	33.5	170	ug/Kg
P2252-11DL	PT-BNA-SOILDL	Solid	Fluorene	4,900.000	D	30	170	ug/Kg
P2252-11DL	PT-BNA-SOILDL	Solid	Hexachlorobutadiene	3,100.000	D	34.5	170	ug/Kg
P2252-11DL	PT-BNA-SOILDL	Solid	Indeno(1,2,3-cd)pyrene	1,300.000	D	63	170	ug/Kg
P2252-11DL	PT-BNA-SOILDL	Solid	Pentachlorophenol	2,000.000	D	140	330	ug/Kg

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN051024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2252-11DL	PT-BNA-SOILDL	Solid	Total PAH	18,840.000	D	726.6	2720	ug/Kg
			Total Svoc :	**47,390.00**				
			Total Concentration:	**47,390.00**				
Client ID :	**PT-PAH-SOIL**							
P2252-13	PT-PAH-SOIL	Solid	2-Methylnaphthalene	250.000	E	0.79	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Acenaphthene	580.000	E	0.55	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Acenaphthylene	550.000	E	0.62	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Anthracene	220.000	E	0.78	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Benzo(a)anthracene	140.000		0.75	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Benzo(a)pyrene	180.000	E	1.6	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Benzo(b)fluoranthene	60.900		1.2	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Benzo(g,h,i)perylene	220.000	E	1.1	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Benzo(k)fluoranthene	320.000	E	0.97	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Bis(2-ethylhexyl)phthalate	72.300		1.5	6.5	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Chrysene	170.000	E	0.85	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Dibenzo(a,h)anthracene	120.000		1.2	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Fluoranthene	200.000	E	0.66	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Fluorene	140.000		0.6	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Indeno(1,2,3-cd)pyrene	200.000	E	1.2	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Naphthalene	530.000	E	0.68	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Phenanthrene	590.000	E	0.62	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Pyrene	270.000	E	0.94	3.3	ug/Kg
P2252-13	PT-PAH-SOIL	Solid	Total PAH	4,490.000	E	14.32	52.8	ug/Kg
			Total Svoc :	**9,303.20**				
			Total Concentration:	**9,303.20**				
Client ID :	**PT-PAH-SOILDL**							
P2252-13DL	PT-PAH-SOILDL	Solid	2-Methylnaphthalene	280.000	D	4	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Acenaphthene	650.000	D	2.7	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Acenaphthylene	600.000	D	3.1	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Anthracene	240.000	D	3.9	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Benzo(a)anthracene	150.000	D	3.8	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Benzo(a)pyrene	190.000	D	8.2	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Benzo(b)fluoranthene	63.000	D	5.9	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Benzo(g,h,i)perylene	230.000	D	5.7	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Benzo(k)fluoranthene	360.000	D	4.9	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Bis(2-ethylhexyl)phthalate	65.800	D	7.3	32.7	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Chrysene	190.000	D	4.3	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Dibenzo(a,h)anthracene	130.000	D	5.8	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Fluoranthene	220.000	D	3.3	16.4	ug/Kg

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BN051024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2252-13DL	PT-PAH-SOILDL	Solid	Fluorene	150.000	D	3	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Indeno(1,2,3-cd)pyrene	210.000	D	6.2	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Naphthalene	600.000	D	3.4	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Phenanthrene	670.000	D	3.1	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Pyrene	310.000	D	4.7	16.4	ug/Kg
P2252-13DL	PT-PAH-SOILDL	Solid	Total PAH	4,963.000	D	72	262.4	ug/Kg
			Total Svoc :	**10,271.80**				
			Total Concentration:	**10,271.80**				
Client ID :	**TEST-1-T0**							
P2315-01	TEST-1-T0	Water	1,4-Dioxane	0.840		0.07	0.2	ug/L
P2315-01	TEST-1-T0	Water	Bis(2-ethylhexyl)phthalate	0.770		0.14	0.2	ug/L
			Total Svoc :	**1.61**				
			Total Concentration:	**1.61**				
Client ID :	**TEST-1-T9**							
P2315-02	TEST-1-T9	Water	1,4-Dioxane	0.690		0.07	0.2	ug/L
P2315-02	TEST-1-T9	Water	Benzo(a)anthracene	0.050	J	0.02	0.1	ug/L
P2315-02	TEST-1-T9	Water	Benzo(b)fluoranthene	0.060	J	0.03	0.1	ug/L
P2315-02	TEST-1-T9	Water	Benzo(g,h,i)perylene	0.040	J	0.04	0.1	ug/L
P2315-02	TEST-1-T9	Water	Benzo(k)fluoranthene	0.060	J	0.03	0.1	ug/L
P2315-02	TEST-1-T9	Water	Bis(2-ethylhexyl)phthalate	0.630		0.14	0.2	ug/L
P2315-02	TEST-1-T9	Water	Chrysene	0.050	J	0.03	0.1	ug/L
P2315-02	TEST-1-T9	Water	Dibenzo(a,h)anthracene	0.040	J	0.04	0.1	ug/L
P2315-02	TEST-1-T9	Water	Fluoranthene	0.030	J	0.02	0.1	ug/L
P2315-02	TEST-1-T9	Water	Indeno(1,2,3-cd)pyrene	0.040	J	0.04	0.1	ug/L
P2315-02	TEST-1-T9	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :	**1.72**				
			Total Concentration:	**1.72**				
Client ID :	**TEST-1-T20**							
P2315-03	TEST-1-T20	Water	1,4-Dioxane	0.680		0.07	0.2	ug/L
P2315-03	TEST-1-T20	Water	Benzo(a)anthracene	0.020	J	0.02	0.1	ug/L
P2315-03	TEST-1-T20	Water	Benzo(b)fluoranthene	0.030	J	0.03	0.1	ug/L
P2315-03	TEST-1-T20	Water	Benzo(k)fluoranthene	0.030	J	0.03	0.1	ug/L
P2315-03	TEST-1-T20	Water	Bis(2-ethylhexyl)phthalate	0.510		0.14	0.2	ug/L
P2315-03	TEST-1-T20	Water	Chrysene	0.030	J	0.03	0.1	ug/L
			Total Svoc :	**1.30**				
			Total Concentration:	**1.30**				
Client ID :	**TEST-1-T35**							
P2315-04	TEST-1-T35	Water	1,4-Dioxane	0.720		0.07	0.2	ug/L
P2315-04	TEST-1-T35	Water	Bis(2-ethylhexyl)phthalate	0.530		0.14	0.2	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN051024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :			**1.25**		
			Total Concentration:			**1.25**		
Client ID :	**TEST-3-T0**							
P2316-01	TEST-3-T0	Water	1,4-Dioxane	0.720		0.07	0.2	ug/L
P2316-01	TEST-3-T0	Water	Bis(2-ethylhexyl)phthalate	0.220		0.14	0.2	ug/L
			Total Svoc :			**0.94**		
			Total Concentration:			**0.94**		
Client ID :	**TEST-3-T8**							
P2316-02	TEST-3-T8	Water	1,4-Dioxane	0.140	J	0.07	0.2	ug/L
			Total Svoc :			**0.14**		
			Total Concentration:			**0.14**		
Client ID :	**TEST-3-T17**							
P2316-03	TEST-3-T17	Water	1,4-Dioxane	0.080	J	0.07	0.2	ug/L
			Total Svoc :			**0.08**		
			Total Concentration:			**0.08**		
Client ID :	**TEST-1-T53**							
P2317-01	TEST-1-T53	Water	1,4-Dioxane	0.420		0.07	0.2	ug/L
P2317-01	TEST-1-T53	Water	Bis(2-ethylhexyl)phthalate	0.510		0.14	0.2	ug/L
			Total Svoc :			**0.93**		
			Total Concentration:			**0.93**		
Client ID :	**TEST-1-T72**							
P2317-02	TEST-1-T72	Water	1,4-Dioxane	0.310		0.07	0.2	ug/L
P2317-02	TEST-1-T72	Water	Bis(2-ethylhexyl)phthalate	0.490		0.14	0.2	ug/L
			Total Svoc :			**0.80**		
			Total Concentration:			**0.80**		
Client ID :	**TEST-3-T38**							
P2318-01	TEST-3-T38	Water	Bis(2-ethylhexyl)phthalate	0.240		0.14	0.2	ug/L
			Total Svoc :			**0.24**		
			Total Concentration:			**0.24**		
Client ID :	**TEST-3-T50**							
P2318-02	TEST-3-T50	Water	Bis(2-ethylhexyl)phthalate	0.200		0.14	0.2	ug/L
			Total Svoc :			**0.20**		
			Total Concentration:			**0.20**		
Client ID :	**TEST-2-T0**							
P2318-03	TEST-2-T0	Water	1,4-Dioxane	0.760		0.07	0.2	ug/L
P2318-03	TEST-2-T0	Water	Bis(2-ethylhexyl)phthalate	0.240		0.14	0.2	ug/L
			Total Svoc :			**1.00**		

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Hit Summary Sheet
SW-846

SDG No.: BN051024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			**1.00**		
Client ID :	**TEST-2-T8**							
P2318-04	TEST-2-T8	Water	1,4-Dioxane	0.340		0.07	0.2	ug/L
P2318-04	TEST-2-T8	Water	Bis(2-ethylhexyl)phthalate	0.160	J	0.14	0.2	ug/L
			Total Svoc :			**0.50**		
			Total Concentration:			**0.50**		
Client ID :	**TEST-2-T21**							
P2319-01	TEST-2-T21	Water	1,4-Dioxane	0.250		0.07	0.2	ug/L
P2319-01	TEST-2-T21	Water	Bis(2-ethylhexyl)phthalate	0.160	J	0.14	0.2	ug/L
			Total Svoc :			**0.41**		
			Total Concentration:			**0.41**		
Client ID :	**TEST-2-T32**							
P2319-02	TEST-2-T32	Water	1,4-Dioxane	0.190	J	0.07	0.2	ug/L
P2319-02	TEST-2-T32	Water	Bis(2-ethylhexyl)phthalate	0.170	J	0.14	0.2	ug/L
			Total Svoc :			**0.36**		
			Total Concentration:			**0.36**		
Client ID :	**TEST-2-T42**							
P2319-03	TEST-2-T42	Water	1,4-Dioxane	0.170	J	0.07	0.2	ug/L
			Total Svoc :			**0.17**		
			Total Concentration:			**0.17**		
Client ID :	**TEST-2-T52**							
P2319-04	TEST-2-T52	Water	1,4-Dioxane	0.140	J	0.07	0.2	ug/L
			Total Svoc :			**0.14**		
			Total Concentration:			**0.14**		
Client ID :	**RMW-04B-92.5-050924**							
P2445-01	RMW-04B-92.5-050924	Water	1,4-Dioxane	0.160	J	0.07	0.2	ug/L
P2445-01	RMW-04B-92.5-050924	Water	Phenanthrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :			**0.19**		
			Total Concentration:			**0.19**		
Client ID :	**RMW-04B-92.5-050924-FD**							
P2445-02	RMW-04B-92.5-050924-	Water	1,4-Dioxane	0.160	J	0.07	0.21	ug/L
P2445-02	RMW-04B-92.5-050924-	Water	Benzo(a)anthracene	0.030	J	0.02	0.1	ug/L
P2445-02	RMW-04B-92.5-050924-	Water	Benzo(b)fluoranthene	0.040	J	0.03	0.1	ug/L
P2445-02	RMW-04B-92.5-050924-	Water	Benzo(k)fluoranthene	0.040	J	0.04	0.1	ug/L
P2445-02	RMW-04B-92.5-050924-	Water	Chrysene	0.040	J	0.03	0.1	ug/L
P2445-02	RMW-04B-92.5-050924-	Water	Fluoranthene	0.020	J	0.02	0.1	ug/L
P2445-02	RMW-04B-92.5-050924-	Water	Phenanthrene	0.030	J	0.02	0.1	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BN051024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2445-02	RMW-04B-92.5-050924-	Water	Pyrene	0.030	J	0.02	0.1	ug/L
			Total Svoc :			**0.39**		
			Total Concentration:			**0.39**		
Client ID :	**RMW-05B-90-050924**							
P2445-06	RMW-05B-90-050924	Water	1,4-Dioxane	0.380		0.07	0.2	ug/L
P2445-06	RMW-05B-90-050924	Water	Phenanthrene	0.070	J	0.02	0.1	ug/L
			Total Svoc :			**0.45**		
			Total Concentration:			**0.45**		

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN050924 SAS No.: BN050924 SDG No.: BN050924

Instrument ID: Calibration Date(s): 5/9/2024 1:

Calibration Time(s): 16:39

LAB FILE ID: RRF0.1 = BN031446.D RRF0.2 = BN031447.D RRF0.4 = BN031448.D
RRF0.8 = BN031449.D RRF1.6 = BN031450.D RRF3.2 = BN031451.D

COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.632	0.658	0.628	0.637	0.676	0.648	0.645	2.7
Fluoranthene-d10	1.095	1.119	1.075	1.102	1.152	1.135	1.110	2.4
n-Nitrosodimethylamine	0.503	0.499	0.453	0.459	0.512	0.493	0.486	4.6
2-Fluorophenol	1.153	1.181	1.120	1.102	1.178	1.129	1.136	3.2
Phenol-d6	1.513	1.585	1.493	1.492	1.603	1.537	1.531	3.0
bis(2-Chloroethyl)ether	1.342	1.343	1.298	1.314	1.407	1.334	1.333	2.8
Nitrobenzene-d5	0.282	0.298	0.272	0.274	0.296	0.293	0.287	3.8
Naphthalene	1.116	1.130	1.074	1.086	1.159	1.118	1.112	2.6
Hexachlorobutadiene	0.200	0.199	0.190	0.190	0.201	0.194	0.195	2.8
2-Methylnaphthalene	0.763	0.781	0.738	0.748	0.790	0.757	0.758	2.9
2-Fluorobiphenyl	1.519	1.570	1.486	1.521	1.619	1.554	1.542	2.8
Acenaphthylene	1.976	2.053	1.936	1.956	2.104	2.048	2.013	3.0
Acenaphthene	1.204	1.264	1.202	1.231	1.325	1.280	1.255	3.6
Fluorene	1.582	1.680	1.570	1.617	1.737	1.671	1.642	3.6
4,6-Dinitro-2-methylphenol	0.026	0.029	0.028	0.030	0.035	0.039	0.033	18.8
2,4,6-Tribromophenol	0.151	0.150	0.142	0.144	0.160	0.157	0.152	4.8
4-Bromophenyl-phenylether	0.237	0.237	0.226	0.228	0.246	0.236	0.234	2.8
Hexachlorobenzene	0.236	0.237	0.227	0.228	0.246	0.243	0.236	3.0
Atrazine	0.214	0.217	0.203	0.207	0.223	0.217	0.213	3.4
Pentachlorophenol	0.065	0.069	0.075	0.080	0.094	0.099	0.083	18.0
Phenanthrene	1.118	1.126	1.091	1.093	1.167	1.139	1.119	2.4
Anthracene	1.112	1.126	1.060	1.075	1.156	1.130	1.108	3.0
Fluoranthene	1.404	1.383	1.325	1.335	1.412	1.366	1.360	3.2
Pyrene	1.636	1.594	1.566	1.612	1.694	1.629	1.619	2.5
Terphenyl-d14	1.059	0.972	0.935	0.976	1.009	0.963	0.979	4.4
Benzo(a)anthracene	1.555	1.499	1.492	1.511	1.629	1.572	1.543	3.1
Chrysene	1.481	1.437	1.421	1.446	1.536	1.500	1.469	2.7
Bis(2-ethylhexyl)phthalate	1.011	0.868	0.857	0.819	0.907	0.919	0.903	7.0
Benzo(b)fluoranthene	1.445	1.422	1.352	1.392	1.509	1.474	1.436	3.6
Benzo(k)fluoranthene	1.376	1.338	1.291	1.351	1.439	1.371	1.359	3.3
Benzo(a)pyrene	1.262	1.224	1.177	1.219	1.311	1.279	1.248	3.6
Indeno(1,2,3-cd)pyrene	1.607	1.567	1.535	1.565	1.662	1.623	1.594	2.7
Dibenzo(a,h)anthracene	1.273	1.252	1.228	1.249	1.316	1.277	1.264	2.3
Benzo(g,h,i)perylene	1.373	1.339	1.314	1.333	1.414	1.382	1.359	2.5
1,4-Dioxane	0.517	0.538	0.461	0.466	0.506	0.488	0.492	5.9

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.: BN051024 SAS No.: BN051024 SDG NO.: BN051024

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

Lab File ID: BN031448.D Time Analyzed: 09:28

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	12095	7.718	39441	10.50	24276	14.35
	UPPER LIMIT	24190	8.218	78882	10.996	48552	14.849
	LOWER LIMIT	6047.5	7.218	19720.5	9.996	12138	13.849
	EPA SAMPLE NO.						
01	PB160529BL	12631	7.71	38496	10.50	21522	14.35
02	PT-PAH-SOIL	12238	7.71	40542	10.50	23274	14.35
03	PT-PAH-SOILDL	13551	7.71	44724	10.50	26672	14.34
04	PT-BNA-SOIL	14152	7.71	45725	10.50	25979	14.35
05	PT-BNA-SOILDL	13168	7.71	42906	10.50	25434	14.34
06	TEST-1-T0	13272	7.71	44414	10.50	26296	14.34
07	TEST-1-T9	16112	7.71	52925	10.50	31278	14.34
08	PB160529BS	11511	7.71	37297	10.50	22203	14.35
09	TEST-1-T20	12286	7.71	40001	10.50	23943	14.35
10	TEST-1-T35	13362	7.71	43248	10.50	25707	14.35
11	TEST-3-T0	11928	7.71	38773	10.50	23030	14.34
12	TEST-3-T8	12773	7.71	40265	10.50	23814	14.34
13	PB160640BL	12859	7.71	39686	10.50	21773	14.34
14	TEST-3-T17	13556	7.71	42935	10.50	24624	14.34
15	TEST-3-T28	15156	7.71	47604	10.50	26951	14.34
16	TEST-1-T53	11415	7.71	36510	10.50	20794	14.34
17	TEST-1-T72	12633	7.71	40356	10.50	23189	14.34
18	TEST-3-T38	12753	7.71	40042	10.50	23413	14.34
19	TEST-3-T50	13331	7.71	41481	10.50	23972	14.34
20	TEST-2-T0	12072	7.71	38134	10.50	21989	14.34
21	TEST-2-T8	12694	7.71	40102	10.50	23210	14.34
22	TEST-2-T21	12286	7.71	38745	10.50	22456	14.34
23	TEST-2-T32	11762	7.71	37114	10.50	21538	14.34

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN051024 SAS No.: BN051024 SDG NO.: BN051024

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

Lab File ID: BN031448.D Time Analyzed: 04:28

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	12095	7.718	39441	10.50	24276	14.35
	UPPER LIMIT	24190	8.218	78882	10.996	48552	14.849
	LOWER LIMIT	6047.5	7.218	19720.5	9.996	12138	13.849
	EPA SAMPLE NO.						
24	TEST-2-T42	12281	7.71	39113	10.50	22378	14.34
25	TEST-2-T52	12118	7.71	38137	10.50	22000	14.34
26	PB160858BL	13051	7.71	39335	10.49	20740	14.34
27	PB160858BS	14739	7.71	46521	10.49	26105	14.34
28	RMW-06B-38-050824	12003	7.71	37904	10.49	20968	14.34
29	RMW-04B-92.5-050924	12892	7.71	40900	10.49	22658	14.34
30	RMW-04B-92.5-050924-FD	14083	7.71	44166	10.49	24183	14.34
31	RMW-05B-90-050924	14293	7.71	44747	10.49	23784	14.34
32	EB-01-050924	11595	7.71	35387	10.49	19296	14.34

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.: BN051024 SAS No.: BN051024 SDG NO.: BN051024

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

Lab File ID: BN031456.D Time Analyzed: 09:28

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	14289	7.711	46114	10.50	27534	14.35
	UPPER LIMIT	28578	8.211	92228	10.996	55068	14.849
	LOWER LIMIT	7144.5	7.211	23057	9.996	13767	13.849
	EPA SAMPLE NO.						
01	PB160529BL	12631	7.71	38496	10.50	21522	14.35
02	PT-PAH-SOIL	12238	7.71	40542	10.50	23274	14.35
03	PT-PAH-SOILDL	13551	7.71	44724	10.50	26672	14.34
04	PT-BNA-SOIL	14152	7.71	45725	10.50	25979	14.35
05	PT-BNA-SOILDL	13168	7.71	42906	10.50	25434	14.34
06	TEST-1-T0	13272	7.71	44414	10.50	26296	14.34
07	TEST-1-T9	16112	7.71	52925	10.50	31278	14.34
08	PB160529BS	11511	7.71	37297	10.50	22203	14.35
09	TEST-1-T20	12286	7.71	40001	10.50	23943	14.35
10	TEST-1-T35	13362	7.71	43248	10.50	25707	14.35
11	TEST-3-T0	11928	7.71	38773	10.50	23030	14.34
12	TEST-3-T8	12773	7.71	40265	10.50	23814	14.34

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.: BN051024 SAS No.: BN051024 SDG NO.: BN051024

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

Lab File ID: BN031471.D Time Analyzed: 21:49

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	13269	7.711	41849	10.50	24157	14.34
	UPPER LIMIT	26538	8.211	83698	10.996	48314	14.838
	LOWER LIMIT	6634.5	7.211	20924.5	9.996	12078.5	13.838
	EPA SAMPLE NO.						
01	PB160640BL	12859	7.71	39686	10.50	21773	14.34
02	TEST-3-T17	13556	7.71	42935	10.50	24624	14.34
03	TEST-3-T28	15156	7.71	47604	10.50	26951	14.34
04	TEST-1-T53	11415	7.71	36510	10.50	20794	14.34
05	TEST-1-T72	12633	7.71	40356	10.50	23189	14.34
06	TEST-3-T38	12753	7.71	40042	10.50	23413	14.34
07	TEST-3-T50	13331	7.71	41481	10.50	23972	14.34
08	TEST-2-T0	12072	7.71	38134	10.50	21989	14.34
09	TEST-2-T8	12694	7.71	40102	10.50	23210	14.34
10	TEST-2-T21	12286	7.71	38745	10.50	22456	14.34
11	TEST-2-T32	11762	7.71	37114	10.50	21538	14.34
12	TEST-2-T42	12281	7.71	39113	10.50	22378	14.34
13	TEST-2-T52	12118	7.71	38137	10.50	22000	14.34

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.: BN051024 SAS No.: BN051024 SDG NO.: BN051024

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

Lab File ID: BN031487.D Time Analyzed: 08:12

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	11820	7.711	37195	10.49	21333	14.34
	UPPER LIMIT	23640	8.211	74390	10.985	42666	14.838
	LOWER LIMIT	5910	7.211	18597.5	9.985	10666.5	13.838
	EPA SAMPLE NO.						
01	PB160858BL	13051	7.71	39335	10.49	20740	14.34
02	PB160858BS	14739	7.71	46521	10.49	26105	14.34
03	RMW-06B-38-050824	12003	7.71	37904	10.49	20968	14.34
04	RMW-04B-92.5-050924	12892	7.71	40900	10.49	22658	14.34
05	RMW-04B-92.5-050924-FD	14083	7.71	44166	10.49	24183	14.34
06	RMW-05B-90-050924	14293	7.71	44747	10.49	23784	14.34
07	EB-01-050924	11595	7.71	35387	10.49	19296	14.34

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.: BN051024 SAS No.: BN051024 SDG NO.: BN051024

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

Lab File ID: BN031448.D Time Analyzed: 09:28

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	54382	17.091	48026	21.274	55976	23.519
	UPPER LIMIT	108764	17.591	96052	21.774	111952	24.019
	LOWER LIMIT	27191	16.591	24013	20.774	27988	23.019
	EPA SAMPLE NO.						
01	PB160529BL	48749	17.09	39331	21.27	41785	23.52
02	PT-PAH-SOIL	53728	17.09	48091	21.27	48163	23.52
03	PT-PAH-SOILDL	61092	17.09	51704	21.27	51191	23.52
04	PT-BNA-SOIL	58759	17.09	53124	21.27	50574	23.52
05	PT-BNA-SOILDL	56120	17.09	48760	21.27	52346	23.52
06	TEST-1-T0	60969	17.09	53607	21.27	57700	23.52
07	TEST-1-T9	71485	17.09	61309	21.27	60177	23.52
08	PB160529BS	49511	17.09	43435	21.27	45669	23.51
09	TEST-1-T20	54696	17.09	50081	21.27	49974	23.51
10	TEST-1-T35	58836	17.09	51451	21.27	50767	23.51
11	TEST-3-T0	53764	17.09	45903	21.27	46119	23.51
12	TEST-3-T8	54023	17.09	45660	21.27	45254	23.51
13	PB160640BL	48396	17.09	35416	21.27	33686	23.51
14	TEST-3-T17	56895	17.09	46148	21.27	40474	23.51
15	TEST-3-T28	61007	17.08	48661	21.27	41416	23.51
16	TEST-1-T53	47759	17.09	42401	21.27	42702	23.51
17	TEST-1-T72	52243	17.09	45883	21.27	44515	23.51
18	TEST-3-T38	53544	17.09	44507	21.27	40871	23.51
19	TEST-3-T50	55270	17.09	45799	21.27	39591	23.51
20	TEST-2-T0	52999	17.08	43543	21.27	37202	23.51
21	TEST-2-T8	54140	17.08	45034	21.26	37705	23.50

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN051024 SAS No.: BN051024 SDG NO.: BN051024

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

Lab File ID: BN031448.D Time Analyzed: 03:15

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #		RT #
	12 HOUR STD	54382	17.091	48026	21.274	55976		23.519
	UPPER LIMIT	108764	17.591	96052	21.774	111952		24.019
	LOWER LIMIT	27191	16.591	24013	20.774	27988		23.019
	EPA SAMPLE NO.							
22	TEST-2-T21	52481	17.08	44726	21.27	41043		23.50
23	TEST-2-T32	50209	17.08	42751	21.26	37983		23.51
24	TEST-2-T42	51644	17.08	43898	21.27	38986		23.51
25	TEST-2-T52	51277	17.08	42186	21.27	36837		23.51
26	PB160858BL	45801	17.08	29542	21.27	24341	*	23.50
27	PB160858BS	57728	17.08	45520	21.27	38415		23.51
28	RMW-06B-38-050824	47374	17.08	36531	21.27	32230		23.50
29	RMW-04B-92.5-050924	51090	17.08	39640	21.27	32563		23.50
30	RMW-04B-92.5-050924-FD	52783	17.08	34829	21.27	26629	*	23.51
31	RMW-05B-90-050924	52281	17.08	33311	21.27	25276	*	23.50
32	EB-01-050924	46480	17.08	35173	21.27	27776	*	23.50

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.: BN051024 SAS No.: BN051024 SDG NO.: BN051024

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

Lab File ID: BN031456.D Time Analyzed: 09:28

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	61999	17.091	51910	21.274	59079	23.516
	UPPER LIMIT	123998	17.591	103820	21.774	118158	24.016
	LOWER LIMIT	30999.5	16.591	25955	20.774	29539.5	23.016
	EPA SAMPLE NO.						
01	PB160529BL	48749	17.09	39331	21.27	41785	23.52
02	PT-PAH-SOIL	53728	17.09	48091	21.27	48163	23.52
03	PT-PAH-SOILDL	61092	17.09	51704	21.27	51191	23.52
04	PT-BNA-SOIL	58759	17.09	53124	21.27	50574	23.52
05	PT-BNA-SOILDL	56120	17.09	48760	21.27	52346	23.52
06	TEST-1-T0	60969	17.09	53607	21.27	57700	23.52
07	TEST-1-T9	71485	17.09	61309	21.27	60177	23.52
08	PB160529BS	49511	17.09	43435	21.27	45669	23.51
09	TEST-1-T20	54696	17.09	50081	21.27	49974	23.51
10	TEST-1-T35	58836	17.09	51451	21.27	50767	23.51
11	TEST-3-T0	53764	17.09	45903	21.27	46119	23.51
12	TEST-3-T8	54023	17.09	45660	21.27	45254	23.51

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.: BN051024 SAS No.: BN051024 SDG NO.: BN051024

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

Lab File ID: BN031471.D Time Analyzed: 21:49

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	52565	17.09	43739	21.273	45160	23.51
	UPPER LIMIT	105130	17.59	87478	21.773	90320	24.01
	LOWER LIMIT	26282.5	16.59	21869.5	20.773	22580	23.01
	EPA SAMPLE NO.						
01	PB160640BL	48396	17.09	35416	21.27	33686	23.51
02	TEST-3-T17	56895	17.09	46148	21.27	40474	23.51
03	TEST-3-T28	61007	17.08	48661	21.27	41416	23.51
04	TEST-1-T53	47759	17.09	42401	21.27	42702	23.51
05	TEST-1-T72	52243	17.09	45883	21.27	44515	23.51
06	TEST-3-T38	53544	17.09	44507	21.27	40871	23.51
07	TEST-3-T50	55270	17.09	45799	21.27	39591	23.51
08	TEST-2-T0	52999	17.08	43543	21.27	37202	23.51
09	TEST-2-T8	54140	17.08	45034	21.26	37705	23.50
10	TEST-2-T21	52481	17.08	44726	21.27	41043	23.50
11	TEST-2-T32	50209	17.08	42751	21.26	37983	23.51
12	TEST-2-T42	51644	17.08	43898	21.27	38986	23.51
13	TEST-2-T52	51277	17.08	42186	21.27	36837	23.51

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

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* 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.: BN051024 SAS No.: BN051024 SDG NO.: BN051024

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

Lab File ID: BN031487.D Time Analyzed: 08:12

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	47735	17.078	38163	21.265	34212	23.502
	UPPER LIMIT	95470	17.578	76326	21.765	68424	24.002
	LOWER LIMIT	23867.5	16.578	19081.5	20.765	17106	23.002
	EPA SAMPLE NO.						
01	PB160858BL	45801	17.08	29542	21.27	24341	23.50
02	PB160858BS	57728	17.08	45520	21.27	38415	23.51
03	RMW-06B-38-050824	47374	17.08	36531	21.27	32230	23.50
04	RMW-04B-92.5-050924	51090	17.08	39640	21.27	32563	23.50
05	RMW-04B-92.5-050924-FD	52783	17.08	34829	21.27	26629	23.51
06	RMW-05B-90-050924	52281	17.08	33311	21.27	25276	23.50
07	EB-01-050924	46480	17.08	35173	21.27	27776	23.50

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.: BN051024

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB160529BS	n-Nitrosodimethylamine	13.3	11.8	ug/Kg	89				27	120	
	bis(2-Chloroethyl)ether	13.3	11.9	ug/Kg	89				48	114	
	Naphthalene	13.3	11.9	ug/Kg	89				63	120	
	Hexachlorobutadiene	13.3	11.9	ug/Kg	89				47	116	
	2-Methylnaphthalene	13.3	11.7	ug/Kg	88				54	111	
	Acenaphthylene	13.3	11.2	ug/Kg	84				61	110	
	Acenaphthene	13.3	11.7	ug/Kg	88				65	112	
	Total PAH	212.8	181.3	ug/Kg	85				65	112	
	Fluorene	13.3	11.6	ug/Kg	87				61	115	
	4,6-Dinitro-2-methylphenol	13.3	10.4	ug/Kg	78				20	150	
	4-Bromophenyl-phenylether	13.3	11.8	ug/Kg	89				20	150	
	Hexachlorobenzene	13.3	12.6	ug/Kg	95				52	117	
	Atrazine	13.3	10	ug/Kg	75				20	150	
	Pentachlorophenol	26.7	10.5	ug/Kg	39		*		47	116	
	Phenanthrene	13.3	11.8	ug/Kg	89				61	120	
	Anthracene	13.3	11.1	ug/Kg	83				60	115	
	Fluoranthene	13.3	11.7	ug/Kg	88				56	124	
	Pyrene	13.3	11.6	ug/Kg	87				58	125	
	Benzo(a)anthracene	13.3	11	ug/Kg	83				45	129	
	Chrysene	13.3	11.4	ug/Kg	86				62	123	
	bis(2-Ethylhexyl)phthalate	13.3	8.1	ug/Kg	61				60	119	
	Benzo(b)fluoranthene	13.3	11.7	ug/Kg	88				47	123	
	Benzo(k)fluoranthene	13.3	12.1	ug/Kg	91				69	123	
	Benzo(a)pyrene	13.3	11.3	ug/Kg	85				53	123	
	Indeno(1,2,3-cd)pyrene	13.3	10.4	ug/Kg	78				62	131	
	Dibenz(a,h)anthracene	13.3	10.6	ug/Kg	80				57	120	
	Benzo(g,h,i)perylene	13.3	10.2	ug/Kg	77				66	121	
	1,4-Dioxane	13.3	11.5	ug/Kg	86				70	130	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN051024

Client:

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

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB160858BS	n-Nitrosodimethylamine	0.4	0.39	ug/L	98				33	130	
	bis(2-Chloroethyl)ether	0.4	0.36	ug/L	90				55	118	
	Naphthalene	0.4	0.36	ug/L	90				67	120	
	Hexachlorobutadiene	0.4	0.37	ug/L	93				33	114	
	2-Methylnaphthalene	0.4	0.34	ug/L	85				50	122	
	Acenaphthylene	0.4	0.33	ug/L	83				60	119	
	Acenaphthene	0.4	0.36	ug/L	90				65	119	
	Total PAH	6.4	5.4	ug/L	84				65	119	
	Fluorene	0.4	0.35	ug/L	88				58	122	
	4,6-Dinitro-2-methylphenol	0.4	0.4	ug/L	100				20	150	
	4-Bromophenyl-phenylether	0.4	0.35	ug/L	88				20	150	
	Hexachlorobenzene	0.4	0.4	ug/L	100				62	127	
	Atrazine	0.4	0.25	ug/L	63				20	150	
	Pentachlorophenol	0.8	0.27	ug/L	34				10	137	
	Phenanthrene	0.4	0.37	ug/L	93				65	117	
	Anthracene	0.4	0.32	ug/L	80				57	118	
	Fluoranthene	0.4	0.34	ug/L	85				53	126	
	Pyrene	0.4	0.37	ug/L	93				54	124	
	Benzo(a)anthracene	0.4	0.31	ug/L	78				54	130	
	Chrysene	0.4	0.36	ug/L	90				64	126	
	bis(2-Ethylhexyl)phthalate	0.4	0.2	ug/L	50				40	137	
	Benzo(b)fluoranthene	0.4	0.35	ug/L	88				65	121	
	Benzo(k)fluoranthene	0.4	0.42	ug/L	105				72	119	
	Benzo(a)pyrene	0.4	0.32	ug/L	80				68	120	
	Indeno(1,2,3-cd)pyrene	0.4	0.28	ug/L	70				70	127	
	Dibenz(a,h)anthracene	0.4	0.28	ug/L	70				65	121	
	Benzo(g,h,i)perylene	0.4	0.28	ug/L	70		*		76	117	
	1,4-Dioxane	0.4	0.36	ug/L	90				60	132	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160529BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN051024 SAS No.: BN051024 SDG NO.: BN051024

Lab File ID: BN031457.D Lab Sample ID: PB160529BL

Instrument ID: BNA_N Date Extracted: 04/25/2024

Matrix: (soil/water) Solid Date Analyzed: 05/10/2024

Level: (low/med) LOW Time Analyzed: 09:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PT-PAH-SOIL	P2252-13	BN031458.D	05/10/2024
PT-BNA-SOIL	P2252-11	BN031460.D	05/10/2024
PB160529BS	PB160529BS	BN031464.D	05/10/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160640BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN051024 SAS No.: BN051024 SDG NO.: BN051024

Lab File ID: BN031472.D Lab Sample ID: PB160640BL

Instrument ID: BNA_N Date Extracted: 05/01/2024

Matrix: (soil/water) Water Date Analyzed: 05/10/2024

Level: (low/med) LOW Time Analyzed: 21:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TEST-3-T17	P2316-03	BN031473.D	05/10/2024
TEST-3-T28	P2316-04	BN031474.D	05/10/2024
TEST-1-T53	P2317-01	BN031475.D	05/10/2024
TEST-1-T72	P2317-02	BN031476.D	05/11/2024
TEST-3-T38	P2318-01	BN031477.D	05/11/2024
TEST-3-T50	P2318-02	BN031478.D	05/11/2024
TEST-2-T0	P2318-03	BN031479.D	05/11/2024
TEST-2-T8	P2318-04	BN031480.D	05/11/2024
TEST-2-T21	P2319-01	BN031481.D	05/11/2024
TEST-2-T32	P2319-02	BN031482.D	05/11/2024
TEST-2-T42	P2319-03	BN031483.D	05/11/2024
TEST-2-T52	P2319-04	BN031484.D	05/11/2024
TEST-1-T20	P2315-03	BN031465.D	05/10/2024
TEST-1-T35	P2315-04	BN031466.D	05/10/2024
TEST-3-T0	P2316-01	BN031467.D	05/10/2024
TEST-3-T8	P2316-02	BN031468.D	05/10/2024
TEST-1-T0	P2315-01	BN031462.D	05/10/2024
TEST-1-T9	P2315-02	BN031463.D	05/10/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160858BL

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BN051024 SAS No.: BN051024 SDG NO.: BN051024

Lab File ID: BN031488.D Lab Sample ID: PB160858BL

Instrument ID: BNA_N Date Extracted: 05/10/2024

Matrix: (soil/water) Water Date Analyzed: 05/11/2024

Level: (low/med) LOW Time Analyzed: 08:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160858BS	PB160858BS	BN031489.D	05/11/2024
RMW-06B-38-050824	P2428-01	BN031490.D	05/11/2024
RMW-04B-92.5-050924	P2445-01	BN031491.D	05/11/2024
RMW-04B-92.5-050924-FD	P2445-02	BN031492.D	05/11/2024
RMW-05B-90-050924	P2445-06	BN031493.D	05/11/2024
EB-01-050924	P2445-08	BN031494.D	05/11/2024

COMMENTS:

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

Surrogate Summary

SW-846

SDG No.: BN051024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2252-11	PT-BNA-SOIL	BN031460.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	21	128
			Fluoranthene-d10	0.4	0.00	0	*	13	127
			2-Fluorophenol	0.4	83.48	20871	*	28	122
			Phenol-d6	0.4	87.87	21967	*	12	126
			Nitrobenzene-d5	0.4	73.60	18401	*	14	112
			2-Fluorobiphenyl	0.4	57.68	14420	*	22	114
			2,4,6-Tribromophenol	0.4	135.40	33851	*	10	137
			Terphenyl-d14	0.4	47.50	11874	*	21	130
P2252-11DL	PT-BNA-SOILDL	BN031461.D	2-Methylnaphthalene-d10	0.4	0.00	0	*	21	128
			Fluoranthene-d10	0.4	0.00	0	*	13	127
			2-Fluorophenol	0.4	89.20	22300	*	28	122
			Phenol-d6	0.4	94.85	23713	*	12	126
			Nitrobenzene-d5	0.4	73.35	18338	*	14	112
			2-Fluorobiphenyl	0.4	71.10	17775	*	22	114
			2,4,6-Tribromophenol	0.4	104.65	26163	*	10	137
			Terphenyl-d14	0.4	73.00	18250	*	21	130
P2252-13	PT-PAH-SOIL	BN031458.D	2-Methylnaphthalene-d10	0.4	0.30	75		21	128
			Fluoranthene-d10	0.4	0.33	83		13	127
			2-Fluorophenol	0.4	0.28	70		28	122
			Phenol-d6	0.4	0.31	78		12	126
			Nitrobenzene-d5	0.4	0.28	69		14	112
			2-Fluorobiphenyl	0.4	0.32	79		22	114
			2,4,6-Tribromophenol	0.4	0.25	63		10	137
			Terphenyl-d14	0.4	0.29	72		21	130
P2252-13DL	PT-PAH-SOILDL	BN031459.D	2-Methylnaphthalene-d10	0.4	0.34	84		21	128
			Fluoranthene-d10	0.4	0.35	86		13	127
			2-Fluorophenol	0.4	0.31	76		28	122
			Phenol-d6	0.4	0.34	84		12	126
			Nitrobenzene-d5	0.4	0.35	86		14	112
			2-Fluorobiphenyl	0.4	0.34	85		22	114
			2,4,6-Tribromophenol	0.4	0.29	72		10	137
			Terphenyl-d14	0.4	0.31	77		21	130
PB160529BL	PB160529BL	BN031457.D	2-Methylnaphthalene-d10	0.4	0.30	76		21	128
			Fluoranthene-d10	0.4	0.31	78		13	127
			2-Fluorophenol	0.4	0.32	79		28	122
			Phenol-d6	0.4	0.31	77		12	126
			Nitrobenzene-d5	0.4	0.30	76		14	112
			2-Fluorobiphenyl	0.4	0.33	82		22	114
			2,4,6-Tribromophenol	0.4	0.25	62		10	137
			Terphenyl-d14	0.4	0.31	77		21	130
PB160529BS	PB160529BS	BN031464.D	2-Methylnaphthalene-d10	0.4	0.35	87		21	128
			Fluoranthene-d10	0.4	0.34	85		13	127
			2-Fluorophenol	0.4	0.34	84		28	122
			Phenol-d6	0.4	0.34	85		12	126
			Nitrobenzene-d5	0.4	0.37	93		14	112
			2-Fluorobiphenyl	0.4	0.36	90		22	114
			2,4,6-Tribromophenol	0.4	0.33	81		10	137
			Terphenyl-d14	0.4	0.33	82		21	130

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Surrogate Summary

SW-846

SDG No.: BN051024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2315-01	TEST-1-T0	BN031462.D	2-Methylnaphthalene-d10	0.4	0.27	68		30	150
			Fluoranthene-d10	0.4	0.31	78		30	150
			2-Fluorophenol	0.4	0.05	13		10	92
			Phenol-d6	0.4	0.00	1	*	10	100
			Nitrobenzene-d5	0.4	0.29	72		11	175
			2-Fluorobiphenyl	0.4	0.29	72		10	175
			2,4,6-Tribromophenol	0.4	0.26	65		24	148
			Terphenyl-d14	0.4	0.31	78		54	171
P2315-02	TEST-1-T9	BN031463.D	2-Methylnaphthalene-d10	0.4	0.27	67		30	150
			Fluoranthene-d10	0.4	0.32	80		30	150
			2-Fluorophenol	0.4	0.12	30		10	92
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.28	70		11	175
			2-Fluorobiphenyl	0.4	0.29	71		10	175
			2,4,6-Tribromophenol	0.4	0.31	78		24	148
			Terphenyl-d14	0.4	0.37	91		54	171
P2315-03	TEST-1-T20	BN031465.D	2-Methylnaphthalene-d10	0.4	0.28	69		30	150
			Fluoranthene-d10	0.4	0.34	84		30	150
			2-Fluorophenol	0.4	0.12	31		10	92
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.29	71		11	175
			2-Fluorobiphenyl	0.4	0.29	72		10	175
			2,4,6-Tribromophenol	0.4	0.27	67		24	148
			Terphenyl-d14	0.4	0.35	86		54	171
P2315-04	TEST-1-T35	BN031466.D	2-Methylnaphthalene-d10	0.4	0.27	68		30	150
			Fluoranthene-d10	0.4	0.32	81		30	150
			2-Fluorophenol	0.4	0.12	29		10	92
			Phenol-d6	0.4	0.07	18		10	100
			Nitrobenzene-d5	0.4	0.28	71		11	175
			2-Fluorobiphenyl	0.4	0.29	72		10	175
			2,4,6-Tribromophenol	0.4	0.28	69		24	148
			Terphenyl-d14	0.4	0.34	85		54	171
P2316-01	TEST-3-T0	BN031467.D	2-Methylnaphthalene-d10	0.4	0.00	1	*	30	150
			Fluoranthene-d10	0.4	0.15	36		30	150
			2-Fluorophenol	0.4	0.03	6	*	10	92
			Phenol-d6	0.4	0.00	1	*	10	100
			Nitrobenzene-d5	0.4	0.28	69		11	175
			2-Fluorobiphenyl	0.4	0.29	72		10	175
			2,4,6-Tribromophenol	0.4	0.21	53		24	148
			Terphenyl-d14	0.4	0.37	93		54	171
P2316-02	TEST-3-T8	BN031468.D	2-Methylnaphthalene-d10	0.4	0.25	63		30	150
			Fluoranthene-d10	0.4	0.27	68		30	150
			2-Fluorophenol	0.4	0.10	25		10	92
			Phenol-d6	0.4	0.06	16		10	100
			Nitrobenzene-d5	0.4	0.27	68		11	175
			2-Fluorobiphenyl	0.4	0.27	67		10	175
			2,4,6-Tribromophenol	0.4	0.22	56		24	148
			Terphenyl-d14	0.4	0.27	67		54	171
P2316-03	TEST-3-T17	BN031473.D	2-Methylnaphthalene-d10	0.4	0.25	62		30	150

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Surrogate Summary

SW-846

SDG No.: BN051024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2316-03	TEST-3-T17	BN031473.D	Fluoranthene-d10	0.4	0.30	76		30	150
			2-Fluorophenol	0.4	0.09	23		10	92
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.27	68		11	175
			2-Fluorobiphenyl	0.4	0.27	67		10	175
			2,4,6-Tribromophenol	0.4	0.20	51		24	148
			Terphenyl-d14	0.4	0.31	79		54	171
P2316-04	TEST-3-T28	BN031474.D	2-Methylnaphthalene-d10	0.4	0.23	57		30	150
			Fluoranthene-d10	0.4	0.28	69		30	150
			2-Fluorophenol	0.4	0.10	24		10	92
			Phenol-d6	0.4	0.06	15		10	100
			Nitrobenzene-d5	0.4	0.25	63		11	175
			2-Fluorobiphenyl	0.4	0.25	63		10	175
			2,4,6-Tribromophenol	0.4	0.20	49		24	148
			Terphenyl-d14	0.4	0.29	74		54	171
P2317-01	TEST-1-T53	BN031475.D	2-Methylnaphthalene-d10	0.4	0.25	63		30	150
			Fluoranthene-d10	0.4	0.33	82		30	150
			2-Fluorophenol	0.4	0.09	23		10	92
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.27	67		11	175
			2-Fluorobiphenyl	0.4	0.27	67		10	175
			2,4,6-Tribromophenol	0.4	0.23	57		24	148
			Terphenyl-d14	0.4	0.29	72		54	171
P2317-02	TEST-1-T72	BN031476.D	2-Methylnaphthalene-d10	0.4	0.24	60		30	150
			Fluoranthene-d10	0.4	0.32	81		30	150
			2-Fluorophenol	0.4	0.09	23		10	92
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.26	65		11	175
			2-Fluorobiphenyl	0.4	0.26	64		10	175
			2,4,6-Tribromophenol	0.4	0.23	56		24	148
			Terphenyl-d14	0.4	0.30	74		54	171
P2318-01	TEST-3-T38	BN031477.D	2-Methylnaphthalene-d10	0.4	0.25	63		30	150
			Fluoranthene-d10	0.4	0.27	68		30	150
			2-Fluorophenol	0.4	0.09	23		10	92
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.28	69		11	175
			2-Fluorobiphenyl	0.4	0.26	66		10	175
			2,4,6-Tribromophenol	0.4	0.20	50		24	148
			Terphenyl-d14	0.4	0.26	65		54	171
P2318-02	TEST-3-T50	BN031478.D	2-Methylnaphthalene-d10	0.4	0.26	66		30	150
			Fluoranthene-d10	0.4	0.30	75		30	150
			2-Fluorophenol	0.4	0.11	26		10	92
			Phenol-d6	0.4	0.06	16		10	100
			Nitrobenzene-d5	0.4	0.30	74		11	175
			2-Fluorobiphenyl	0.4	0.28	70		10	175
			2,4,6-Tribromophenol	0.4	0.22	55		24	148
			Terphenyl-d14	0.4	0.29	73		54	171
P2318-03	TEST-2-T0	BN031479.D	2-Methylnaphthalene-d10	0.4	0.22	55		30	150
			Fluoranthene-d10	0.4	0.29	73		30	150

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Surrogate Summary

SW-846

SDG No.: BN051024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2318-03	TEST-2-T0	BN031479.D	2-Fluorophenol	0.4	0.04	11		10	92
			Phenol-d6	0.4	0.00	1	*	10	100
			Nitrobenzene-d5	0.4	0.25	62		11	175
			2-Fluorobiphenyl	0.4	0.24	59		10	175
			2,4,6-Tribromophenol	0.4	0.26	64		24	148
			Terphenyl-d14	0.4	0.29	72		54	171
P2318-04	TEST-2-T8	BN031480.D	2-Methylnaphthalene-d10	0.4	0.23	57		30	150
			Fluoranthene-d10	0.4	0.26	65		30	150
			2-Fluorophenol	0.4	0.09	21		10	92
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.27	67		11	175
			2-Fluorobiphenyl	0.4	0.24	61		10	175
			2,4,6-Tribromophenol	0.4	0.20	50		24	148
			Terphenyl-d14	0.4	0.25	62		54	171
P2319-01	TEST-2-T21	BN031481.D	2-Methylnaphthalene-d10	0.4	0.25	63		30	150
			Fluoranthene-d10	0.4	0.29	72		30	150
			2-Fluorophenol	0.4	0.09	23		10	92
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.29	72		11	175
			2-Fluorobiphenyl	0.4	0.27	67		10	175
			2,4,6-Tribromophenol	0.4	0.22	54		24	148
			Terphenyl-d14	0.4	0.27	68		54	171
P2319-02	TEST-2-T32	BN031482.D	2-Methylnaphthalene-d10	0.4	0.23	56		30	150
			Fluoranthene-d10	0.4	0.30	76		30	150
			2-Fluorophenol	0.4	0.09	21		10	92
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.24	60		11	175
			2-Fluorobiphenyl	0.4	0.24	60		10	175
			2,4,6-Tribromophenol	0.4	0.21	51		24	148
			Terphenyl-d14	0.4	0.29	72		54	171
P2319-03	TEST-2-T42	BN031483.D	2-Methylnaphthalene-d10	0.4	0.25	63		30	150
			Fluoranthene-d10	0.4	0.32	79		30	150
			2-Fluorophenol	0.4	0.10	24		10	92
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.27	68		11	175
			2-Fluorobiphenyl	0.4	0.28	70		10	175
			2,4,6-Tribromophenol	0.4	0.25	62		24	148
			Terphenyl-d14	0.4	0.32	79		54	171
P2319-04	TEST-2-T52	BN031484.D	2-Methylnaphthalene-d10	0.4	0.25	62		30	150
			Fluoranthene-d10	0.4	0.27	68		30	150
			2-Fluorophenol	0.4	0.10	24		10	92
			Phenol-d6	0.4	0.06	15		10	100
			Nitrobenzene-d5	0.4	0.27	68		11	175
			2-Fluorobiphenyl	0.4	0.27	68		10	175
			2,4,6-Tribromophenol	0.4	0.21	51		24	148
			Terphenyl-d14	0.4	0.27	68		54	171
PB160640BL	PB160640BL	BN031472.D	2-Methylnaphthalene-d10	0.4	0.29	72		30	150
			Fluoranthene-d10	0.4	0.27	68		30	150
			2-Fluorophenol	0.4	0.29	72		10	92

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Surrogate Summary

SW-846

SDG No.: BN051024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB160640BL	PB160640BL	BN031472.D	Phenol-d6	0.4	0.28	70		10	100
			Nitrobenzene-d5	0.4	0.32	79		11	175
			2-Fluorobiphenyl	0.4	0.32	79		10	175
			2,4,6-Tribromophenol	0.4	0.22	55		24	148
			Terphenyl-d14	0.4	0.29	73		54	171

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Surrogate Summary

SW-846

SDG No.: BN051024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P2428-01	RMW-06B-38-0508	BN031490.D	2-Methylnaphthalene-d10	0.4	0.22	55		30	150
			Fluoranthene-d10	0.4	0.28	69		30	150
			2-Fluorophenol	0.4	0.09	21		10	92
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.28	70		11	175
			2-Fluorobiphenyl	0.4	0.32	80		10	175
			2,4,6-Tribromophenol	0.4	0.21	53		24	148
			Terphenyl-d14	0.4	0.42	105		54	171
P2445-01	RMW-04B-92.5-05	BN031491.D	2-Methylnaphthalene-d10	0.4	0.32	79		30	150
			Fluoranthene-d10	0.4	0.31	77		30	150
			2-Fluorophenol	0.4	0.14	36		10	92
			Phenol-d6	0.4	0.09	23		10	100
			Nitrobenzene-d5	0.4	0.41	101		11	175
			2-Fluorobiphenyl	0.4	0.47	117		10	175
			2,4,6-Tribromophenol	0.4	0.28	69		24	148
			Terphenyl-d14	0.4	0.36	91		54	171
P2445-02	RMW-04B-92.5-05	BN031492.D	2-Methylnaphthalene-d10	0.4	0.31	77		30	150
			Fluoranthene-d10	0.4	0.29	72		30	150
			2-Fluorophenol	0.4	0.13	32		10	92
			Phenol-d6	0.4	0.08	20		10	100
			Nitrobenzene-d5	0.4	0.37	92		11	175
			2-Fluorobiphenyl	0.4	0.39	97		10	175
			2,4,6-Tribromophenol	0.4	0.24	61		24	148
			Terphenyl-d14	0.4	0.40	100		54	171
P2445-06	RMW-05B-90-0509	BN031493.D	2-Methylnaphthalene-d10	0.4	0.31	78		30	150
			Fluoranthene-d10	0.4	0.31	78		30	150
			2-Fluorophenol	0.4	0.01	1	*	10	92
			Phenol-d6	0.4	0.00	1	*	10	100
			Nitrobenzene-d5	0.4	0.31	78		11	175
			2-Fluorobiphenyl	0.4	0.44	110		10	175
			2,4,6-Tribromophenol	0.4	0.05	11	*	24	148
			Terphenyl-d14	0.4	0.46	115		54	171
P2445-08	EB-01-050924	BN031494.D	2-Methylnaphthalene-d10	0.4	0.30	74		30	150
			Fluoranthene-d10	0.4	0.33	81		30	150
			2-Fluorophenol	0.4	0.10	24		10	92
			Phenol-d6	0.4	0.07	17		10	100
			Nitrobenzene-d5	0.4	0.35	88		11	175
			2-Fluorobiphenyl	0.4	0.41	102		10	175
			2,4,6-Tribromophenol	0.4	0.17	42		24	148
			Terphenyl-d14	0.4	0.41	103		54	171
PB160858BL	PB160858BL	BN031488.D	2-Methylnaphthalene-d10	0.4	0.28	70		30	150
			Fluoranthene-d10	0.4	0.26	65		30	150
			2-Fluorophenol	0.4	0.27	67		10	92
			Phenol-d6	0.4	0.27	67		10	100
			Nitrobenzene-d5	0.4	0.34	84		11	175
			2-Fluorobiphenyl	0.4	0.33	83		10	175
			2,4,6-Tribromophenol	0.4	0.19	48		24	148
			Terphenyl-d14	0.4	0.32	80		54	171
PB160858BS	PB160858BS	BN031489.D	2-Methylnaphthalene-d10	0.4	0.34	84		30	150

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Surrogate Summary

SW-846

SDG No.: BN051024

Client:

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB160858BS	PB160858BS	BN031489.D	Fluoranthene-d10	0.4	0.32	80		30	150
			2-Fluorophenol	0.4	0.29	72		10	92
			Phenol-d6	0.4	0.30	74		10	100
			Nitrobenzene-d5	0.4	0.39	98		11	175
			2-Fluorobiphenyl	0.4	0.38	95		10	175
			2,4,6-Tribromophenol	0.4	0.26	65		24	148
			Terphenyl-d14	0.4	0.33	83		54	171

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN051024

Lab Code: CHEM SAS No.: BN051024 SDG NO.: BN051024

Lab File ID: BN031455.D DFTPP Injection Date: 05/10/2024

Instrument ID: BNA_N DFTPP Injection Time: 07:57

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.5
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	35.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	45.6
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	24.8
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	12
442	Greater than 50% of mass 198	73.5
443	15.0 - 24.0% of mass 442	14.5 (19.8) 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	BN031456.D	05/10/2024	08:47
PB160529BL	PB160529BL	BN031457.D	05/10/2024	09:28
PT-PAH-SOIL	P2252-13	BN031458.D	05/10/2024	10:04
PT-PAH-SOILDL	P2252-13DL	BN031459.D	05/10/2024	11:09
PT-BNA-SOIL	P2252-11	BN031460.D	05/10/2024	11:57
PT-BNA-SOILDL	P2252-11DL	BN031461.D	05/10/2024	13:09
TEST-1-T0	P2315-01	BN031462.D	05/10/2024	14:25
TEST-1-T9	P2315-02	BN031463.D	05/10/2024	15:01
PB160529BS	PB160529BS	BN031464.D	05/10/2024	15:38
TEST-1-T20	P2315-03	BN031465.D	05/10/2024	16:14
TEST-1-T35	P2315-04	BN031466.D	05/10/2024	16:51
TEST-3-T0	P2316-01	BN031467.D	05/10/2024	17:27
TEST-3-T8	P2316-02	BN031468.D	05/10/2024	18:04
SSTDCCC0.4EC	SSTDCCC0.4	BN031469.D	05/10/2024	19:17

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN051024

Lab Code: CHEM SAS No.: BN051024 SDG NO.: BN051024

Lab File ID: BN031470.D DFTPP Injection Date: 05/10/2024

Instrument ID: BNA_N DFTPP Injection Time: 20:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.2
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	38.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.8
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.1
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	11.3
442	Greater than 50% of mass 198	70.9
443	15.0 - 24.0% of mass 442	13.1 (18.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN031471.D	05/10/2024	21:12
PB160640BL	PB160640BL	BN031472.D	05/10/2024	21:49
TEST-3-T17	P2316-03	BN031473.D	05/10/2024	22:25
TEST-3-T28	P2316-04	BN031474.D	05/10/2024	23:01
TEST-1-T53	P2317-01	BN031475.D	05/10/2024	23:37
TEST-1-T72	P2317-02	BN031476.D	05/11/2024	00:13
TEST-3-T38	P2318-01	BN031477.D	05/11/2024	00:50
TEST-3-T50	P2318-02	BN031478.D	05/11/2024	01:26
TEST-2-T0	P2318-03	BN031479.D	05/11/2024	02:02
TEST-2-T8	P2318-04	BN031480.D	05/11/2024	02:39
TEST-2-T21	P2319-01	BN031481.D	05/11/2024	03:15
TEST-2-T32	P2319-02	BN031482.D	05/11/2024	03:51
TEST-2-T42	P2319-03	BN031483.D	05/11/2024	04:28
TEST-2-T52	P2319-04	BN031484.D	05/11/2024	05:04
SSTDCCC0.4EC	SSTDCCC0.4	BN031485.D	05/11/2024	05:41

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BN051024

Lab Code: CHEM SAS No.: BN051024 SDG NO.: BN051024

Lab File ID: BN031486.D DFTPP Injection Date: 05/11/2024

Instrument ID: BNA_N DFTPP Injection Time: 06:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.8
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	42
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.9
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26.1
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	10.1
442	Greater than 50% of mass 198	60.7
443	15.0 - 24.0% of mass 442	12.6 (20.8) 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	BN031487.D	05/11/2024	07:36
PB160858BL	PB160858BL	BN031488.D	05/11/2024	08:12
PB160858BS	PB160858BS	BN031489.D	05/11/2024	08:48
RMW-06B-38-050824	P2428-01	BN031490.D	05/11/2024	09:24
RMW-04B-92.5-050924	P2445-01	BN031491.D	05/11/2024	10:01
RMW-04B-92.5-050924-FD	P2445-02	BN031492.D	05/11/2024	10:37
RMW-05B-90-050924	P2445-06	BN031493.D	05/11/2024	11:13
EB-01-050924	P2445-08	BN031494.D	05/11/2024	11:49
SSTDCCC0.4EC	SSTDCCC0.4	BN031495.D	05/11/2024	12:26