

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN121924 SAS No.: BN121924 SDG No.: BN121924

Instrument ID: BNA_N Calibration Date/Time: 12/19/2024 : 19:23

Lab File ID: BN035712.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	0.626	0.594		-5.112	20.0
Fluoranthene-d10	1.134	0.971		-14.374	20.0
n-Nitrosodimethylamine	0.319	0.318		-0.313	20.0
2-Fluorophenol	1.001	1.050		4.895	20.0
Phenol-d6	1.204	1.220		1.329	20.0
bis(2-Chloroethyl)ether	1.012	0.944		-6.719	20.0
Nitrobenzene-d5	0.244	0.281		15.164	20.0
Naphthalene	1.055	0.991		-6.066	20.0
Hexachlorobutadiene	0.243	0.261		7.407	20.0
2-Methylnaphthalene	0.755	0.666		-11.788	20.0
2-Fluorobiphenyl	1.512	1.414		-6.481	20.0
Acenaphthylene	1.680	1.483		-11.726	20.0
Acenaphthene	1.115	0.998		-10.493	20.0
Fluorene	1.596	1.376		-13.784	20.0
4,6-Dinitro-2-methylphenol	0.039	0.008		-79.487	20.0
2,4,6-Tribromophenol	0.284	0.247		-13.028	20.0
4-Bromophenyl-phenylether	0.234	0.204		-12.821	20.0
Hexachlorobenzene	0.275	0.283		2.909	20.0
Atrazine	0.167	0.171		2.395	20.0
Pentachlorophenol	0.120	0.116		-3.333	20.0
Phenanthrene	1.099	0.953		-13.285	20.0
Anthracene	0.994	0.841		-15.392	20.0
Fluoranthene	1.481	1.158		-21.81	20.0
Pyrene	1.477	1.427		-3.32	20.0
Terphenyl-d14	0.789	0.828		4.943	20.0
Benzo(a)anthracene	1.399	1.204		-13.939	20.0
Chrysene	1.443	1.369		-5.128	20.0
Bis(2-ethylhexyl)phthalate	0.553	0.685		23.87	20.0
Benzo(b)fluoranthene	1.463	1.591		8.749	20.0
Benzo(k)fluoranthene	1.440	1.222		-15.139	20.0
Benzo(a)pyrene	1.205	1.082		-10.207	20.0
Indeno(1,2,3-cd)pyrene	1.564	1.429		-8.632	20.0
Dibenzo(a,h)anthracene	1.234	1.128		-8.59	20.0
Benzo(g,h,i)perylene	1.290	1.228		-4.806	20.0
1,4-Dioxane	0.382	0.401		4.974	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN121924 SAS No.: BN121924 SDG No.: BN121924

Instrument ID: BNA_N Calibration Date/Time: 12/20/2024 : 06:10

Lab File ID: BN035729.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	0.626	0.556		-11.182	50.0
Fluoranthene-d10	1.134	0.989		-12.787	50.0
n-Nitrosodimethylamine	0.319	0.329		3.135	50.0
2-Fluorophenol	1.001	0.994		-0.699	50.0
Phenol-d6	1.204	1.157		-3.904	50.0
bis(2-Chloroethyl) ether	1.012	0.921		-8.992	50.0
Nitrobenzene-d5	0.244	0.289		18.443	50.0
Naphthalene	1.055	0.983		-6.825	50.0
Hexachlorobutadiene	0.243	0.261		7.407	50.0
2-Methylnaphthalene	0.755	0.628		-16.821	50.0
2-Fluorobiphenyl	1.512	1.466		-3.042	50.0
Acenaphthylene	1.680	1.492		-11.19	50.0
Acenaphthene	1.115	1.006		-9.776	50.0
Fluorene	1.596	1.305		-18.233	50.0
4,6-Dinitro-2-methylphenol	0.039	0.009		-76.923	50.0
2,4,6-Tribromophenol	0.284	0.212		-25.352	50.0
4-Bromophenyl-phenylether	0.234	0.209		-10.684	50.0
Hexachlorobenzene	0.275	0.295		7.273	50.0
Atrazine	0.167	0.164		-1.796	50.0
Pentachlorophenol	0.120	0.093		-22.5	50.0
Phenanthrene	1.099	0.960		-12.648	50.0
Anthracene	0.994	0.856		-13.883	50.0
Fluoranthene	1.481	1.205		-18.636	50.0
Pyrene	1.477	1.462		-0.949	50.0
Terphenyl-d14	0.789	0.830		5.196	50.0
Benzo(a)anthracene	1.399	1.149		-17.87	50.0
Chrysene	1.443	1.410		-2.287	50.0
Bis(2-ethylhexyl)phthalate	0.553	0.606		9.584	50.0
Benzo(b)fluoranthene	1.463	1.603		9.569	50.0
Benzo(k)fluoranthene	1.440	1.265		-12.153	50.0
Benzo(a)pyrene	1.205	1.070		-11.203	50.0
Indeno(1,2,3-cd)pyrene	1.564	1.431		-8.504	50.0
Dibenzo(a,h)anthracene	1.234	1.102		-10.697	50.0
Benzo(g,h,i)perylene	1.290	1.263		-2.093	50.0
1,4-Dioxane	0.382	0.384		0.524	50.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN121924 SAS No.: BN121924 SDG No.: BN121924

Instrument ID: BNA_N Calibration Date/Time: 12/20/2024 : 08:04

Lab File ID: BN035731.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	0.626	0.562		-10.224	20.0
Fluoranthene-d10	1.134	0.985		-13.139	20.0
n-Nitrosodimethylamine	0.319	0.330		3.448	20.0
2-Fluorophenol	1.001	0.990		-1.099	20.0
Phenol-d6	1.204	1.140		-5.316	20.0
bis(2-Chloroethyl)ether	1.012	0.922		-8.893	20.0
Nitrobenzene-d5	0.244	0.284		16.393	20.0
Naphthalene	1.055	0.988		-6.351	20.0
Hexachlorobutadiene	0.243	0.260		6.996	20.0
2-Methylnaphthalene	0.755	0.627		-16.954	20.0
2-Fluorobiphenyl	1.512	1.376		-8.995	20.0
Acenaphthylene	1.680	1.485		-11.607	20.0
Acenaphthene	1.115	1.001		-10.224	20.0
Fluorene	1.596	1.311		-17.857	20.0
4,6-Dinitro-2-methylphenol	0.039	0.008		-79.487	20.0
2,4,6-Tribromophenol	0.284	0.221		-22.183	20.0
4-Bromophenyl-phenylether	0.234	0.210		-10.256	20.0
Hexachlorobenzene	0.275	0.301		9.455	20.0
Atrazine	0.167	0.160		-4.192	20.0
Pentachlorophenol	0.120	0.105		-12.5	20.0
Phenanthrene	1.099	0.964		-12.284	20.0
Anthracene	0.994	0.859		-13.581	20.0
Fluoranthene	1.481	1.199		-19.041	20.0
Pyrene	1.477	1.472		-0.271	20.0
Terphenyl-d14	0.789	0.839		6.337	20.0
Benzo(a)anthracene	1.399	1.187		-15.154	20.0
Chrysene	1.443	1.402		-2.841	20.0
Bis(2-ethylhexyl)phthalate	0.553	0.594		7.414	20.0
Benzo(b)fluoranthene	1.463	1.601		9.433	20.0
Benzo(k)fluoranthene	1.440	1.333		-7.431	20.0
Benzo(a)pyrene	1.205	1.099		-8.797	20.0
Indeno(1,2,3-cd)pyrene	1.564	1.471		-5.946	20.0
Dibenzo(a,h)anthracene	1.234	1.140		-7.618	20.0
Benzo(g,h,i)perylene	1.290	1.290		0.0	20.0
1,4-Dioxane	0.382	0.405		6.021	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	PB165596BL	SDG No.:	BN121924
Lab Sample ID:	PB165596BL	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
BN035713.D	1	12/12/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165596

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

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	PB165596BL	SDG No.:	BN121924
Lab Sample ID:	PB165596BL	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
BN035713.D	1	12/12/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.384		20-139		96	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.39		30-150		97	SPK: -0.4
367-12-4	2-Fluorophenol	0.359		10-100		90	SPK: -0.4
13127-88-3	Phenol-d6	0.304		10-100		76	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.436		27-123		109	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.324		34-132		81	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.113		10-131		28	SPK: -0.4
1718-51-0	Terphenyl-d14	0.523		35-157		131	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3228	7.272				
1146-65-2	Naphthalene-d8	8561	10.02				
15067-26-2	Acenaphthene-d10	5768	13.935				
1517-22-2	Phenanthrene-d10	10744	16.711				
1719-03-5	Chrysene-d12	9839	20.956				
1520-96-3	Perylene-d12	11233	23.044				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE122D1-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-01	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
BN035714.D	1	12/12/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	2.5		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE122D1-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-01	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
BN035714.D	1	12/12/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.336		20-139		84	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.399		30-150		100	SPK: -0.4
367-12-4	2-Fluorophenol	0.107		10-100		27	SPK: -0.4
13127-88-3	Phenol-d6	0.054		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.371		27-123		93	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.291		34-132		73	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.203		10-131		51	SPK: -0.4
1718-51-0	Terphenyl-d14	0.651	*	35-157		163	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3160	7.272				
1146-65-2	Naphthalene-d8	8794	10.02				
15067-26-2	Acenaphthene-d10	6070	13.935				
1517-22-2	Phenanthrene-d10	11989	16.711				
1719-03-5	Chrysene-d12	10648	20.956				
1520-96-3	Perylene-d12	11706	23.041				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE122D2-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-02	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
BN035715.D	1	12/12/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165596

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	J	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	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	3.7		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE122D2-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-02	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
BN035715.D	1	12/12/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.317		20-139		79	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.398		30-150		100	SPK: -0.4
367-12-4	2-Fluorophenol	0.112		10-100		28	SPK: -0.4
13127-88-3	Phenol-d6	0.053		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.376		27-123		94	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.309		34-132		77	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.211		10-131		53	SPK: -0.4
1718-51-0	Terphenyl-d14	0.782	*	35-157		196	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3267	7.271				
1146-65-2	Naphthalene-d8	8893	10.02				
15067-26-2	Acenaphthene-d10	5822	13.935				
1517-22-2	Phenanthrene-d10	11137	16.698				
1719-03-5	Chrysene-d12	10331	20.956				
1520-96-3	Perylene-d12	10865	23.044				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE122D3-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-03	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
BN035716.D	1	12/12/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165596

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	J	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	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	J	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.07	U	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE122D3-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-03	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
BN035716.D	1	12/12/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.337		20-139		84	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.379		30-150		95	SPK: -0.4
367-12-4	2-Fluorophenol	0.112		10-100		28	SPK: -0.4
13127-88-3	Phenol-d6	0.053		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.366		27-123		91	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.289		34-132		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.197		10-131		49	SPK: -0.4
1718-51-0	Terphenyl-d14	0.609		35-157		152	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3243	7.272				
1146-65-2	Naphthalene-d8	9120	10.02				
15067-26-2	Acenaphthene-d10	6257	13.935				
1517-22-2	Phenanthrene-d10	12060	16.711				
1719-03-5	Chrysene-d12	10841	20.956				
1520-96-3	Perylene-d12	12188	23.044				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE103D1-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-04	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
BN035717.D	1	12/12/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	5.3	E	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE103D1-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-04	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
BN035717.D	1	12/12/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.373		20-139		93	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.386		30-150		97	SPK: -0.4
367-12-4	2-Fluorophenol	0.126		10-100		31	SPK: -0.4
13127-88-3	Phenol-d6	0.059		10-100		15	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.408		27-123		102	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.334		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.195		10-131		49	SPK: -0.4
1718-51-0	Terphenyl-d14	0.584		35-157		146	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3204	7.271				
1146-65-2	Naphthalene-d8	8678	10.02				
15067-26-2	Acenaphthene-d10	5798	13.935				
1517-22-2	Phenanthrene-d10	11698	16.711				
1719-03-5	Chrysene-d12	9672	20.956				
1520-96-3	Perylene-d12	10672	23.041				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE103D2-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-05	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035718.D	1	12/12/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165596

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	0.44		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE103D2-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-05	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035718.D	1	12/12/2024 12:00:00 AM	12/19/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.375		20-139		94	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.375		30-150		94	SPK: -0.4
367-12-4	2-Fluorophenol	0.123		10-100		31	SPK: -0.4
13127-88-3	Phenol-d6	0.057		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.403		27-123		101	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.342		34-132		86	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.205		10-131		51	SPK: -0.4
1718-51-0	Terphenyl-d14	0.583		35-157		146	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3198	7.272				
1146-65-2	Naphthalene-d8	8727	10.02				
15067-26-2	Acenaphthene-d10	5748	13.935				
1517-22-2	Phenanthrene-d10	12085	16.711				
1719-03-5	Chrysene-d12	10091	20.956				
1520-96-3	Perylene-d12	11286	23.041				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE103D3-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-06	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
BN035719.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

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

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE103D3-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-06	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
BN035719.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.288		20-139		72	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.346		30-150		86	SPK: -0.4
367-12-4	2-Fluorophenol	0.063		10-100		16	SPK: -0.4
13127-88-3	Phenol-d6	0.034	*	10-100		9	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.315		27-123		79	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.273		34-132		68	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.04		10-131		10	SPK: -0.4
1718-51-0	Terphenyl-d14	0.51		35-157		127	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2937	7.272				
1146-65-2	Naphthalene-d8	7894	10.02				
15067-26-2	Acenaphthene-d10	4865	13.935				
1517-22-2	Phenanthrene-d10	9538	16.711				
1719-03-5	Chrysene-d12	8341	20.956				
1520-96-3	Perylene-d12	9222	23.041				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE134D1-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-07	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035720.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

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	0.84		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	RE134D1-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-07	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
BN035720.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.328		20-139		82	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.407		30-150		102	SPK: -0.4
367-12-4	2-Fluorophenol	0.107		10-100		27	SPK: -0.4
13127-88-3	Phenol-d6	0.053		10-100		13	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.368		27-123		92	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.298		34-132		75	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.191		10-131		48	SPK: -0.4
1718-51-0	Terphenyl-d14	0.56		35-157		140	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2993	7.272				
1146-65-2	Naphthalene-d8	8239	10.02				
15067-26-2	Acenaphthene-d10	5412	13.935				
1517-22-2	Phenanthrene-d10	10731	16.698				
1719-03-5	Chrysene-d12	9459	20.956				
1520-96-3	Perylene-d12	10379	23.038				

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	DUP-01-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-08	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
BN035721.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

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	0.15	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	0.95		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	DUP-01-20241209	SDG No.:	BN121924
Lab Sample ID:	P5261-08	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
BN035721.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.395		20-139		99	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.489		30-150		122	SPK: -0.4
367-12-4	2-Fluorophenol	0.126		10-100		31	SPK: -0.4
13127-88-3	Phenol-d6	0.06		10-100		15	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.431		27-123		108	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.369		34-132		92	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.227		10-131		57	SPK: -0.4
1718-51-0	Terphenyl-d14	0.743	*	35-157		186	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3370	7.272				
1146-65-2	Naphthalene-d8	8947	10.02				
15067-26-2	Acenaphthene-d10	5786	13.935				
1517-22-2	Phenanthrene-d10	10480	16.711				
1719-03-5	Chrysene-d12	9572	20.956				
1520-96-3	Perylene-d12	10429	23.038				

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	RE134D3-20241210	SDG No.:	BN121924
Lab Sample ID:	P5261-09	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
BN035722.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	5.7	E	0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	RE134D3-20241210	SDG No.:	BN121924
Lab Sample ID:	P5261-09	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
BN035722.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.326		20-139		81	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.371		30-150		93	SPK: -0.4
367-12-4	2-Fluorophenol	0.107		10-100		27	SPK: -0.4
13127-88-3	Phenol-d6	0.048		10-100		12	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.36		27-123		90	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.287		34-132		72	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.187		10-131		47	SPK: -0.4
1718-51-0	Terphenyl-d14	0.544		35-157		136	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3093	7.272				
1146-65-2	Naphthalene-d8	8301	10.02				
15067-26-2	Acenaphthene-d10	5668	13.935				
1517-22-2	Phenanthrene-d10	10939	16.698				
1719-03-5	Chrysene-d12	9533	20.956				
1520-96-3	Perylene-d12	10502	23.041				

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	RE134D4-20241210	SDG No.:	BN121924
Lab Sample ID:	P5261-10	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035723.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

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	1.4		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	RE134D4-20241210	SDG No.:	BN121924
Lab Sample ID:	P5261-10	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035723.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.307		20-139		77	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.398		30-150		100	SPK: -0.4
367-12-4	2-Fluorophenol	0.1		10-100		25	SPK: -0.4
13127-88-3	Phenol-d6	0.045		10-100		11	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.333		27-123		83	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.28		34-132		70	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.157		10-131		39	SPK: -0.4
1718-51-0	Terphenyl-d14	0.556		35-157		139	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2978	7.272				
1146-65-2	Naphthalene-d8	8067	10.02				
15067-26-2	Acenaphthene-d10	5314	13.935				
1517-22-2	Phenanthrene-d10	9782	16.711				
1719-03-5	Chrysene-d12	8919	20.956				
1520-96-3	Perylene-d12	9842	23.041				

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	GM3-RW3-MW1-20241210	SDG No.:	BN121924
Lab Sample ID:	P5261-11	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035724.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

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	1.5		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	GM3-RW3-MW1-20241210	SDG No.:	BN121924
Lab Sample ID:	P5261-11	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035724.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.343		20-139		86	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.416		30-150		104	SPK: -0.4
367-12-4	2-Fluorophenol	0.1		10-100		25	SPK: -0.4
13127-88-3	Phenol-d6	0.045		10-100		11	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.358		27-123		90	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.327		34-132		82	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.197		10-131		49	SPK: -0.4
1718-51-0	Terphenyl-d14	0.635	*	35-157		159	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	3049	7.272				
1146-65-2	Naphthalene-d8	8135	10.02				
15067-26-2	Acenaphthene-d10	5075	13.935				
1517-22-2	Phenanthrene-d10	10230	16.698				
1719-03-5	Chrysene-d12	9246	20.956				
1520-96-3	Perylene-d12	9666	23.041				

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	RE125D3-20241210	SDG No.:	BN121924
Lab Sample ID:	P5261-16	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
BN035725.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.02	U	0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.1	0.1	ug/L
Total PAH	Total PAH	0.45	U	0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.1	0.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.14	U	0.14	0.2	0.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.1	0.1	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.1	0.1	ug/L
1912-24-9	Atrazine	0.02	U	0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.09	U	0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.02	U	0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.02	U	0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.14	U	0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.03	U	0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	2.1		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	RE125D3-20241210	SDG No.:	BN121924
Lab Sample ID:	P5261-16	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
BN035725.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.351		20-139		88	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.391		30-150		98	SPK: -0.4
367-12-4	2-Fluorophenol	0.117		10-100		29	SPK: -0.4
13127-88-3	Phenol-d6	0.054		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.373		27-123		93	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.318		34-132		79	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.174		10-131		43	SPK: -0.4
1718-51-0	Terphenyl-d14	0.555		35-157		139	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2841	7.272				
1146-65-2	Naphthalene-d8	7711	10.02				
15067-26-2	Acenaphthene-d10	5101	13.935				
1517-22-2	Phenanthrene-d10	10162	16.711				
1719-03-5	Chrysene-d12	8945	20.956				
1520-96-3	Perylene-d12	9224	23.041				

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	RE125D2-20241210	SDG No.:	BN121924
Lab Sample ID:	P5261-15	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	890 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035726.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.03	U	0.03	0.22	0.22	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.03	U	0.03	0.11	0.11	ug/L
91-20-3	Naphthalene	0.03	U	0.03	0.11	0.11	ug/L
87-68-3	Hexachlorobutadiene	0.03	U	0.03	0.11	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.03	U	0.03	0.11	0.11	ug/L
208-96-8	Acenaphthylene	0.02	U	0.02	0.11	0.11	ug/L
83-32-9	Acenaphthene	0.02	U	0.02	0.11	0.11	ug/L
Total PAH	Total PAH	0.5	U	0.5	0.11	1.76	ug/L
86-73-7	Fluorene	0.02	U	0.02	0.11	0.11	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.16	U	0.16	0.22	0.22	ug/L
101-55-3	4-Bromophenyl-phenylether	0.03	U	0.03	0.11	0.11	ug/L
118-74-1	Hexachlorobenzene	0.03	U	0.03	0.11	0.11	ug/L
1912-24-9	Atrazine	0.03	U	0.03	0.11	0.11	ug/L
87-86-5	Pentachlorophenol	0.1	U	0.1	0.22	0.22	ug/L
85-01-8	Phenanthrene	0.02	U	0.02	0.11	0.11	ug/L
120-12-7	Anthracene	0.03	U	0.03	0.11	0.11	ug/L
206-44-0	Fluoranthene	0.03	U	0.03	0.11	0.11	ug/L
129-00-0	Pyrene	0.02	U	0.02	0.11	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.02	U	0.02	0.11	0.11	ug/L
218-01-9	Chrysene	0.03	U	0.03	0.11	0.11	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.71		0.16	0.22	0.22	ug/L
205-99-2	Benzo(b)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.04	U	0.04	0.11	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.06	U	0.06	0.11	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.04	U	0.04	0.11	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.04	U	0.04	0.11	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.04	U	0.04	0.11	0.11	ug/L
123-91-1	1,4-Dioxane	8	E	0.08	0.22	0.22	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	RE125D2-20241210	SDG No.:	BN121924
Lab Sample ID:	P5261-15	Matrix:	Water
Analytical Method:	8270-Modified	% Moisture:	100
Sample Wt/Vol:	890 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035726.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.324		20-139		81	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.405		30-150		101	SPK: -0.4
367-12-4	2-Fluorophenol	0.12		10-100		30	SPK: -0.4
13127-88-3	Phenol-d6	0.063		10-100		16	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.385		27-123		96	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.311		34-132		78	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.186		10-131		47	SPK: -0.4
1718-51-0	Terphenyl-d14	0.591		35-157		148	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2948	7.271				
1146-65-2	Naphthalene-d8	7525	10.02				
15067-26-2	Acenaphthene-d10	4789	13.935				
1517-22-2	Phenanthrene-d10	9505	16.698				
1719-03-5	Chrysene-d12	8457	20.956				
1520-96-3	Perylene-d12	9186	23.044				

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	RE120D1-20241210	SDG No.:	BN121924
Lab Sample ID:	P5261-17	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
BN035727.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

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

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	RE120D1-20241210	SDG No.:	BN121924
Lab Sample ID:	P5261-17	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
BN035727.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.373		20-139		93	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.405		30-150		101	SPK: -0.4
367-12-4	2-Fluorophenol	0.128		10-100		32	SPK: -0.4
13127-88-3	Phenol-d6	0.058		10-100		14	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.418		27-123		104	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.333		34-132		83	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.187		10-131		47	SPK: -0.4
1718-51-0	Terphenyl-d14	0.538		35-157		134	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2945	7.271				
1146-65-2	Naphthalene-d8	7549	10.02				
15067-26-2	Acenaphthene-d10	4981	13.935				
1517-22-2	Phenanthrene-d10	9724	16.711				
1719-03-5	Chrysene-d12	8463	20.956				
1520-96-3	Perylene-d12	8724	23.044				

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	PB165596BS	SDG No.:	BN121924
Lab Sample ID:	PB165596BS	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
BN035728.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	0.43		0.03	0.2	0.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.35		0.03	0.1	0.1	ug/L
91-20-3	Naphthalene	0.35		0.02	0.1	0.1	ug/L
87-68-3	Hexachlorobutadiene	0.39		0.03	0.1	0.1	ug/L
91-57-6	2-Methylnaphthalene	0.31		0.03	0.1	0.1	ug/L
208-96-8	Acenaphthylene	0.36		0.02	0.1	0.1	ug/L
83-32-9	Acenaphthene	0.35		0.02	0.1	0.1	ug/L
Total PAH	Total PAH	5.71		0.45	0.1	1.6	ug/L
86-73-7	Fluorene	0.3		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	0.34		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	0.4		0.02	0.1	0.1	ug/L
87-86-5	Pentachlorophenol	0.58		0.09	0.2	0.2	ug/L
85-01-8	Phenanthrene	0.34		0.02	0.1	0.1	ug/L
120-12-7	Anthracene	0.34		0.02	0.1	0.1	ug/L
206-44-0	Fluoranthene	0.31		0.02	0.1	0.1	ug/L
129-00-0	Pyrene	0.36		0.02	0.1	0.1	ug/L
56-55-3	Benzo(a)anthracene	0.33		0.02	0.1	0.1	ug/L
218-01-9	Chrysene	0.39		0.03	0.1	0.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.4		0.14	0.2	0.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.44		0.03	0.1	0.1	ug/L
207-08-9	Benzo(k)fluoranthene	0.37		0.03	0.1	0.1	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.06	0.1	0.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.37		0.04	0.1	0.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.04	0.1	0.1	ug/L
191-24-2	Benzo(g,h,i)perylene	0.36		0.04	0.1	0.1	ug/L
123-91-1	1,4-Dioxane	0.37		0.07	0.2	0.2	ug/L

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	PB165596BS	SDG No.:	BN121924
Lab Sample ID:	PB165596BS	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
BN035728.D	1	12/12/2024 12:00:00 AM	12/20/2024 12:00:00 AM	PB165596

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
SURROGATES							
7297-45-2	2-Methylnaphthalene-d10	0.458		20-139		114	SPK: -0.4
93951-69-0	Fluoranthene-d10	0.379		30-150		95	SPK: -0.4
367-12-4	2-Fluorophenol	0.336		10-100		84	SPK: -0.4
13127-88-3	Phenol-d6	0.305		10-100		76	SPK: -0.4
4165-60-0	Nitrobenzene-d5	0.461		27-123		115	SPK: -0.4
321-60-8	2-Fluorobiphenyl	0.356		34-132		89	SPK: -0.4
118-79-6	2,4,6-Tribromophenol	0.182		10-131		45	SPK: -0.4
1718-51-0	Terphenyl-d14	0.44		35-157		110	SPK: -0.4
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	2951	7.271				
1146-65-2	Naphthalene-d8	7713	10.02				
15067-26-2	Acenaphthene-d10	4640	13.935				
1517-22-2	Phenanthrene-d10	8678	16.698				
1719-03-5	Chrysene-d12	8066	20.956				
1520-96-3	Perylene-d12	8916	23.041				

Hit Summary Sheet SW-846

SDG No.: BN121924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : RE122D1-20241209								
P5261-01	RE122D1-20241209	Water	1,4-Dioxane	2.500		0.07	0.2	ug/L
			Total Svoc :			2.50		
			Total Concentration:			2.50		
Client ID : RE122D2-20241209								
P5261-02	RE122D2-20241209	Water	1,4-Dioxane	3.700		0.07	0.2	ug/L
P5261-02	RE122D2-20241209	Water	Naphthalene	0.020	J	0.02	0.1	ug/L
			Total Svoc :			3.72		
			Total Concentration:			3.72		
Client ID : RE122D3-20241209								
P5261-03	RE122D3-20241209	Water	Benzo(b)fluoranthene	0.030	J	0.03	0.1	ug/L
P5261-03	RE122D3-20241209	Water	Naphthalene	0.020	J	0.02	0.1	ug/L
			Total Svoc :			0.05		
			Total Concentration:			0.05		
Client ID : RE103D1-20241209								
P5261-04	RE103D1-20241209	Water	1,4-Dioxane	5.300	E	0.07	0.2	ug/L
			Total Svoc :			5.30		
			Total Concentration:			5.30		
Client ID : RE103D2-20241209								
P5261-05	RE103D2-20241209	Water	1,4-Dioxane	0.440		0.07	0.2	ug/L
			Total Svoc :			0.44		
			Total Concentration:			0.44		
Client ID : RE103D3-20241209								
P5261-06	RE103D3-20241209	Water	1,4-Dioxane	0.100	J	0.07	0.2	ug/L
			Total Svoc :			0.10		
			Total Concentration:			0.10		
Client ID : RE134D1-20241209								
P5261-07	RE134D1-20241209	Water	1,4-Dioxane	0.840		0.07	0.2	ug/L
			Total Svoc :			0.84		
			Total Concentration:			0.84		
Client ID : DUP-01-20241209								
P5261-08	DUP-01-20241209	Water	1,4-Dioxane	0.950		0.07	0.2	ug/L
P5261-08	DUP-01-20241209	Water	Bis(2-ethylhexyl)phthalate	0.150	J	0.14	0.2	ug/L
			Total Svoc :			1.10		
			Total Concentration:			1.10		

Hit Summary Sheet
SW-846

SDG No.: BN121924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : RE134D3-20241210								
P5261-09	RE134D3-20241210	Water	1,4-Dioxane	5.700	E	0.07	0.2	ug/L
			Total Svoc :			5.70		
			Total Concentration:			5.70		
Client ID : RE134D4-20241210								
P5261-10	RE134D4-20241210	Water	1,4-Dioxane	1.400		0.07	0.2	ug/L
			Total Svoc :			1.40		
			Total Concentration:			1.40		
Client ID : GM3-RW3-MW1-20241210								
P5261-11	GM3-RW3-MW1-202412	Water	1,4-Dioxane	1.500		0.07	0.2	ug/L
			Total Svoc :			1.50		
			Total Concentration:			1.50		
Client ID : RE125D2-20241210								
P5261-15	RE125D2-20241210	Water	1,4-Dioxane	8.000	E	0.08	0.22	ug/L
P5261-15	RE125D2-20241210	Water	Bis(2-ethylhexyl)phthalate	0.710		0.16	0.22	ug/L
			Total Svoc :			8.71		
			Total Concentration:			8.71		
Client ID : RE125D3-20241210								
P5261-16	RE125D3-20241210	Water	1,4-Dioxane	2.100		0.07	0.2	ug/L
			Total Svoc :			2.10		
			Total Concentration:			2.10		
Client ID : RE120D1-20241210								
P5261-17	RE120D1-20241210	Water	1,4-Dioxane	0.100	J	0.07	0.2	ug/L
			Total Svoc :			0.10		
			Total Concentration:			0.10		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN112724 SAS No.: BN112724 SDG No.: BN112724

Instrument ID: _____ Calibration Date(s): 11/27/2024

Calibration Time(s): 15:34

LAB FILE ID:		RRF0.1 = BN035350.D			RRF0.2 = BN035351.D		RRF0.4 = BN035352.D	
		RRF0.8 = BN035353.D			RRF1.6 = BN035354.D		RRF3.2 = BN035355.D	
COMPOUND	RRF0.1	RRF0.2	RRF0.4	RRF0.8	RRF1.6	RRF3.2	RRF	% RSD
2-Methylnaphthalene-d10	0.591	0.603	0.619	0.615	0.659	0.639	0.626	4.2
Fluoranthene-d10	1.203	1.086	1.077	1.105	1.165	1.138	1.134	4.1
n-Nitrosodimethylamine	0.334	0.302	0.326	0.315	0.332	0.310	0.319	3.9
2-Fluorophenol	1.025	1.112	1.018	0.958	0.998	0.954	1.001	5.9
Phenol-d6	1.227	1.186	1.193	1.143	1.235	1.215	1.204	2.7
bis(2-Chloroethyl)ether	1.035	1.021	0.992	0.993	1.051	0.997	1.012	2.4
Nitrobenzene-d5	0.227	0.232	0.235	0.248	0.257	0.251	0.244	5.3
Naphthalene	1.062	1.029	1.047	1.032	1.096	1.049	1.055	2.2
Hexachlorobutadiene	0.245	0.242	0.247	0.241	0.255	0.236	0.243	2.6
2-Methylnaphthalene	0.724	0.716	0.740	0.747	0.795	0.771	0.755	4.3
2-Fluorobiphenyl	1.489	1.491	1.510	1.508	1.566	1.511	1.512	1.7
Acenaphthylene	1.643	1.600	1.595	1.638	1.737	1.763	1.680	4.7
Acenaphthene	1.121	1.084	1.086	1.108	1.145	1.122	1.115	2.2
Fluorene	1.589	1.549	1.543	1.600	1.652	1.614	1.596	2.5
4,6-Dinitro-2-methylphenol	0.038	0.031	0.036	0.041	0.051		0.039	19.3
2,4,6-Tribromophenol	0.273	0.258	0.257	0.268	0.293	0.311	0.284	9.7
4-Bromophenyl-phenylether	0.226	0.218	0.226	0.233	0.249	0.242	0.234	4.9
Hexachlorobenzene	0.265	0.266	0.273	0.276	0.288	0.278	0.275	2.8
Atrazine	0.155	0.155	0.154	0.156	0.175	0.179	0.167	9.0
Pentachlorophenol	0.140	0.090	0.095	0.103	0.121	0.136	0.120	19.9
Phenanthrene	1.092	1.046	1.067	1.092	1.148	1.121	1.099	3.2
Anthracene	0.964	0.923	0.940	0.973	1.050	1.042	0.994	5.8
Fluoranthene	1.538	1.396	1.416	1.456	1.539	1.497	1.481	4.0
Pyrene	1.583	1.445	1.475	1.443	1.519	1.440	1.477	3.8
Terphenyl-d14	0.832	0.777	0.791	0.771	0.812	0.772	0.789	3.1
Benzo (a) anthracene	1.431	1.343	1.355	1.375	1.451	1.411	1.399	3.0
Chrysene	1.463	1.452	1.441	1.415	1.487	1.422	1.443	1.8
Bis(2-ethylhexyl)phthalate	0.710	0.558	0.516	0.505	0.520	0.516	0.553	13.0
Benzo (b) fluoranthene	1.305	1.348	1.313	1.378	1.827	1.463	1.463	13.1
Benzo (k) fluoranthene	1.444	1.376	1.402	1.419	1.527	1.447	1.440	3.4
Benzo (a) pyrene	1.204	1.156	1.146	1.171	1.256	1.232	1.205	4.1
Indeno (1,2,3-cd) pyrene	1.411	1.489	1.532	1.554	1.660	1.615	1.564	6.2
Dibenzo (a,h) anthracene	1.104	1.187	1.194	1.226	1.315	1.280	1.234	6.6
Benzo (g,h,i) perylene	1.188	1.238	1.248	1.269	1.360	1.330	1.290	5.7
1,4-Dioxane	0.406	0.417	0.376	0.380	0.392	0.357	0.382	6.5

All other compounds must meet a minimum RRF of 0.010.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121924 SAS No.: BN121924 SDG NO.: BN121924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BN035352.D Time Analyzed: 20:35

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	2048	7.308	5229	10.05	3799	13.97
	UPPER LIMIT	4096	7.808	10458	10.552	7598	14.467
	LOWER LIMIT	1024	6.808	2614.5	9.552	1899.5	13.467
	EPA SAMPLE NO.						
01	PB165596BL	3228	7.27	8561	10.02	5768	13.94
02	RE122D1-20241209	3160	7.27	8794	10.02	6070	13.94
03	RE122D2-20241209	3267	7.27	8893	10.02	5822	13.94
04	RE122D3-20241209	3243	7.27	9120	10.02	6257	13.94
05	RE103D1-20241209	3204	7.27	8678	10.02	5798	13.94
06	RE103D2-20241209	3198	7.27	8727	10.02	5748	13.94
07	RE103D3-20241209	2937	7.27	7894	10.02	4865	13.94
08	RE134D1-20241209	2993	7.27	8239	10.02	5412	13.94
09	DUP-01-20241209	3370	7.27	8947	10.02	5786	13.94
10	RE134D3-20241210	3093	7.27	8301	10.02	5668	13.94
11	RE134D4-20241210	2978	7.27	8067	10.02	5314	13.94
12	GM3-RW3-MW1-20241210	3049	7.27	8135	10.02	5075	13.94
13	RE125D3-20241210	2841	7.27	7711	10.02	5101	13.94
14	RE125D2-20241210	2948	7.27	7525	10.02	4789	13.94
15	RE120D1-20241210	2945	7.27	7549	10.02	4981	13.94
16	PB165596BS	2951	7.27	7713	10.02	4640	13.94

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121924 SAS No.: BN121924 SDG NO.: BN121924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BN035352.D Time Analyzed: 05:34

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	2048	7.308	5229	10.05	3799	13.97
UPPER LIMIT	4096	7.808	10458	10.552	7598	14.467
LOWER LIMIT	1024	6.808	2614.5	9.552	1899.5	13.467
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121924 SAS No.: BN121924 SDG NO.: BN121924

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BN035712.D Time Analyzed: 20:35

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	3021	7.272	8329	10.02	5302	13.94
	UPPER LIMIT	6042	7.772	16658	10.52	10604	14.435
	LOWER LIMIT	1510.5	6.772	4164.5	9.52	2651	13.435
	EPA SAMPLE NO.						
01	PB165596BL	3228	7.27	8561	10.02	5768	13.94
02	RE122D1-20241209	3160	7.27	8794	10.02	6070	13.94
03	RE122D2-20241209	3267	7.27	8893	10.02	5822	13.94
04	RE122D3-20241209	3243	7.27	9120	10.02	6257	13.94
05	RE103D1-20241209	3204	7.27	8678	10.02	5798	13.94
06	RE103D2-20241209	3198	7.27	8727	10.02	5748	13.94
07	RE103D3-20241209	2937	7.27	7894	10.02	4865	13.94
08	RE134D1-20241209	2993	7.27	8239	10.02	5412	13.94
09	DUP-01-20241209	3370	7.27	8947	10.02	5786	13.94
10	RE134D3-20241210	3093	7.27	8301	10.02	5668	13.94
11	RE134D4-20241210	2978	7.27	8067	10.02	5314	13.94
12	GM3-RW3-MW1-20241210	3049	7.27	8135	10.02	5075	13.94
13	RE125D3-20241210	2841	7.27	7711	10.02	5101	13.94
14	RE125D2-20241210	2948	7.27	7525	10.02	4789	13.94
15	RE120D1-20241210	2945	7.27	7549	10.02	4981	13.94
16	PB165596BS	2951	7.27	7713	10.02	4640	13.94

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121924 SAS No.: BN121924 SDG NO.: BN121924

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BN035712.D Time Analyzed: 05:34

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	3021	7.272	8329	10.02	5302	13.94
UPPER LIMIT	6042	7.772	16658	10.52	10604	14.435
LOWER LIMIT	1510.5	6.772	4164.5	9.52	2651	13.435
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121924 SAS No.: BN121924 SDG NO.: BN121924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BN035352.D Time Analyzed: 20:35

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	9490	16.736	9527	20.974	10842	23.067
	UPPER LIMIT	18980	17.236	19054	21.474	21684	23.567
	LOWER LIMIT	4745	16.236	4763.5	20.474	5421	22.567
	EPA SAMPLE NO.						
01	PB165596BL	10744	16.71	9839	20.96	11233	23.04
02	RE122D1-20241209	11989	16.71	10648	20.96	11706	23.04
03	RE122D2-20241209	11137	16.70	10331	20.96	10865	23.04
04	RE122D3-20241209	12060	16.71	10841	20.96	12188	23.04
05	RE103D1-20241209	11698	16.71	9672	20.96	10672	23.04
06	RE103D2-20241209	12085	16.71	10091	20.96	11286	23.04
07	RE103D3-20241209	9538	16.71	8341	20.96	9222	23.04
08	RE134D1-20241209	10731	16.70	9459	20.96	10379	23.04
09	DUP-01-20241209	10480	16.71	9572	20.96	10429	23.04
10	RE134D3-20241210	10939	16.70	9533	20.96	10502	23.04
11	RE134D4-20241210	9782	16.71	8919	20.96	9842	23.04
12	GM3-RW3-MW1-20241210	10230	16.70	9246	20.96	9666	23.04
13	RE125D3-20241210	10162	16.71	8945	20.96	9224	23.04
14	RE125D2-20241210	9505	16.70	8457	20.96	9186	23.04
15	RE120D1-20241210	9724	16.71	8463	20.96	8724	23.04
16	PB165596BS	8678	16.70	8066	20.96	8916	23.04

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121924 SAS No.: BN121924 SDG NO.: BN121924

EPA Sample No.: SSTDICCC0.4 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BN035352.D Time Analyzed: 05:34

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	9490	16.736	9527	20.974	10842	23.067
UPPER LIMIT	18980	17.236	19054	21.474	21684	23.567
LOWER LIMIT	4745	16.236	4763.5	20.474	5421	22.567
EPA SAMPLE NO.						

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121924 SAS No.: BN121924 SDG NO.: BN121924

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Dec 19 2024 12:00AM

Lab File ID: BN035712.D Time Analyzed: 20:35

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	11375	16.698	9644	20.956	11002	23.041
	UPPER LIMIT	22750	17.198	19288	21.456	22004	23.541
	LOWER LIMIT	5687.5	16.198	4822	20.456	5501	22.541
	EPA SAMPLE NO.						
01	PB165596BL	10744	16.71	9839	20.96	11233	23.04
02	RE122D1-20241209	11989	16.71	10648	20.96	11706	23.04
03	RE122D2-20241209	11137	16.70	10331	20.96	10865	23.04
04	RE122D3-20241209	12060	16.71	10841	20.96	12188	23.04
05	RE103D1-20241209	11698	16.71	9672	20.96	10672	23.04
06	RE103D2-20241209	12085	16.71	10091	20.96	11286	23.04
07	RE103D3-20241209	9538	16.71	8341	20.96	9222	23.04
08	RE134D1-20241209	10731	16.70	9459	20.96	10379	23.04
09	DUP-01-20241209	10480	16.71	9572	20.96	10429	23.04
10	RE134D3-20241210	10939	16.70	9533	20.96	10502	23.04
11	RE134D4-20241210	9782	16.71	8919	20.96	9842	23.04
12	GM3-RW3-MW1-20241210	10230	16.70	9246	20.96	9666	23.04
13	RE125D3-20241210	10162	16.71	8945	20.96	9224	23.04
14	RE125D2-20241210	9505	16.70	8457	20.96	9186	23.04
15	RE120D1-20241210	9724	16.71	8463	20.96	8724	23.04
16	PB165596BS	8678	16.70	8066	20.96	8916	23.04

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN121924 SAS No.: BN121924 SDG NO.: BN121924

EPA Sample No.: SSTDCCC0.4 Date Analyzed: Dec 20 2024 12:00AM

Lab File ID: BN035712.D Time Analyzed: 05:34

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	11375	16.698	9644	20.956	11002	23.041
UPPER LIMIT	22750	17.198	19288	21.456	22004	23.541
LOWER LIMIT	5687.5	16.198	4822	20.456	5501	22.541
EPA SAMPLE NO.						

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

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

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN121924

Client: _____

Analytical Method: **8270-Modified**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165596BS	n-Nitrosodimethylamine	0.4	0.43	ug/L	108					33	130
	bis(2-Chloroethyl)ether	0.4	0.35	ug/L	88					55	118
	Naphthalene	0.4	0.35	ug/L	88					67	120
	Hexachlorobutadiene	0.4	0.39	ug/L	98					33	114
	2-Methylnaphthalene	0.4	0.31	ug/L	78					50	122
	Acenaphthylene	0.4	0.36	ug/L	90					60	119
	Acenaphthene	0.4	0.35	ug/L	88					65	119
	Total PAH	6.4	5.71	ug/L	89					65	119
	Fluorene	0.4	0.3	ug/L	75					58	122
	4,6-Dinitro-2-methylphenol	0.4	0	ug/L	0		*			20	150
	4-Bromophenyl-phenylether	0.4	0.34	ug/L	85					20	150
	Hexachlorobenzene	0.4	0.4	ug/L	100					62	127
	Atrazine	0.4	0.4	ug/L	100					20	150
	Pentachlorophenol	0.8	0.58	ug/L	73					10	137
	Phenanthrene	0.4	0.34	ug/L	85					65	117
	Anthracene	0.4	0.34	ug/L	85					57	118
	Fluoranthene	0.4	0.31	ug/L	78					53	126
	Pyrene	0.4	0.36	ug/L	90					54	124
	Benzo(a)anthracene	0.4	0.33	ug/L	83					54	130
	Chrysene	0.4	0.39	ug/L	98					64	126
	bis(2-Ethylhexyl)phthalate	0.4	0.4	ug/L	100					40	137
	Benzo(b)fluoranthene	0.4	0.44	ug/L	110					65	121
	Benzo(k)fluoranthene	0.4	0.37	ug/L	93					72	119
	Benzo(a)pyrene	0.4	0.38	ug/L	95					68	120
	Indeno(1,2,3-cd)pyrene	0.4	0.37	ug/L	93					70	127
	Dibenz(a,h)anthracene	0.4	0.36	ug/L	90					65	121
	Benzo(g,h,i)perylene	0.4	0.36	ug/L	90					76	117
	1,4-Dioxane	0.4	0.37	ug/L	93					42	127

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165596BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN121924

SAS No.: BN121924 SDG NO.: BN121924

Lab File ID: BN035713.D

Lab Sample ID: PB165596BL

Instrument ID: BNA_N

Date Extracted: 12/12/2024

Matrix: (soil/water) Water

Date Analyzed: 12/19/2024

Level: (low/med) LOW

Time Analyzed: 20:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RE122D1-20241209	P5261-01	BN035714.D	12/19/2024
RE122D2-20241209	P5261-02	BN035715.D	12/19/2024
RE122D3-20241209	P5261-03	BN035716.D	12/19/2024
RE103D1-20241209	P5261-04	BN035717.D	12/19/2024
RE103D2-20241209	P5261-05	BN035718.D	12/19/2024
RE103D3-20241209	P5261-06	BN035719.D	12/20/2024
RE134D1-20241209	P5261-07	BN035720.D	12/20/2024
DUP-01-20241209	P5261-08	BN035721.D	12/20/2024
RE134D3-20241210	P5261-09	BN035722.D	12/20/2024
RE134D4-20241210	P5261-10	BN035723.D	12/20/2024
GM3-RW3-MW1-20241210	P5261-11	BN035724.D	12/20/2024
RE125D3-20241210	P5261-16	BN035725.D	12/20/2024
RE125D2-20241210	P5261-15	BN035726.D	12/20/2024
RE120D1-20241210	P5261-17	BN035727.D	12/20/2024
PB165596BS	PB165596BS	BN035728.D	12/20/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN121924

Client: _____

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5261-01	RE122D1-2024120\BN035714.D		2-Methylnaphthalene-d10	0.4	0.34	84		20	139
			Fluoranthene-d10	0.4	0.40	100		30	150
			2-Fluorophenol	0.4	0.11	27		10	100
			Phenol-d6	0.4	0.05	14		10	100
			Nitrobenzene-d5	0.4	0.37	93		27	123
			2-Fluorobiphenyl	0.4	0.29	73		34	132
			2,4,6-Tribromophenol	0.4	0.20	51		10	131
			Terphenyl-d14	0.4	0.65	163	*	35	157
P5261-02	RE122D2-2024120\BN035715.D		2-Methylnaphthalene-d10	0.4	0.32	79		20	139
			Fluoranthene-d10	0.4	0.40	100		30	150
			2-Fluorophenol	0.4	0.11	28		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.38	94		27	123
			2-Fluorobiphenyl	0.4	0.31	77		34	132
			2,4,6-Tribromophenol	0.4	0.21	53		10	131
			Terphenyl-d14	0.4	0.78	196	*	35	157
P5261-03	RE122D3-2024120\BN035716.D		2-Methylnaphthalene-d10	0.4	0.34	84		20	139
			Fluoranthene-d10	0.4	0.38	95		30	150
			2-Fluorophenol	0.4	0.11	28		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.37	91		27	123
			2-Fluorobiphenyl	0.4	0.29	72		34	132
			2,4,6-Tribromophenol	0.4	0.20	49		10	131
			Terphenyl-d14	0.4	0.61	152		35	157
P5261-04	RE103D1-2024120\BN035717.D		2-Methylnaphthalene-d10	0.4	0.37	93		20	139
			Fluoranthene-d10	0.4	0.39	97		30	150
			2-Fluorophenol	0.4	0.13	31		10	100
			Phenol-d6	0.4	0.06	15		10	100
			Nitrobenzene-d5	0.4	0.41	102		27	123
			2-Fluorobiphenyl	0.4	0.33	83		34	132
			2,4,6-Tribromophenol	0.4	0.20	49		10	131
			Terphenyl-d14	0.4	0.58	146		35	157
P5261-05	RE103D2-2024120\BN035718.D		2-Methylnaphthalene-d10	0.4	0.38	94		20	139
			Fluoranthene-d10	0.4	0.38	94		30	150
			2-Fluorophenol	0.4	0.12	31		10	100
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.40	101		27	123
			2-Fluorobiphenyl	0.4	0.34	86		34	132
			2,4,6-Tribromophenol	0.4	0.21	51		10	131
			Terphenyl-d14	0.4	0.58	146		35	157
P5261-06	RE103D3-2024120\BN035719.D		2-Methylnaphthalene-d10	0.4	0.29	72		20	139
			Fluoranthene-d10	0.4	0.35	86		30	150
			2-Fluorophenol	0.4	0.06	16		10	100
			Phenol-d6	0.4	0.03	9	*	10	100
			Nitrobenzene-d5	0.4	0.32	79		27	123
			2-Fluorobiphenyl	0.4	0.27	68		34	132
			2,4,6-Tribromophenol	0.4	0.04	10		10	131
			Terphenyl-d14	0.4	0.51	127		35	157
P5261-07	RE134D1-2024120\BN035720.D		2-Methylnaphthalene-d10	0.4	0.33	82		20	139

Surrogate Summary

SW-846

SDG No.: BN121924

Client: _____

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5261-07	RE134D1-20241209	BN035720.D	Fluoranthene-d10	0.4	0.41	102		30	150
			2-Fluorophenol	0.4	0.11	27		10	100
			Phenol-d6	0.4	0.05	13		10	100
			Nitrobenzene-d5	0.4	0.37	92		27	123
			2-Fluorobiphenyl	0.4	0.30	75		34	132
			2,4,6-Tribromophenol	0.4	0.19	48		10	131
			Terphenyl-d14	0.4	0.56	140		35	157
P5261-08	DUP-01-20241209	BN035721.D	2-Methylnaphthalene-d10	0.4	0.40	99		20	139
			Fluoranthene-d10	0.4	0.49	122		30	150
			2-Fluorophenol	0.4	0.13	31		10	100
			Phenol-d6	0.4	0.06	15		10	100
			Nitrobenzene-d5	0.4	0.43	108		27	123
			2-Fluorobiphenyl	0.4	0.37	92		34	132
			2,4,6-Tribromophenol	0.4	0.23	57		10	131
P5261-09	RE134D3-20241210	BN035722.D	Terphenyl-d14	0.4	0.74	186	*	35	157
			2-Methylnaphthalene-d10	0.4	0.33	81		20	139
			Fluoranthene-d10	0.4	0.37	93		30	150
			2-Fluorophenol	0.4	0.11	27		10	100
			Phenol-d6	0.4	0.05	12		10	100
			Nitrobenzene-d5	0.4	0.36	90		27	123
			2-Fluorobiphenyl	0.4	0.29	72		34	132
P5261-10	RE134D4-20241210	BN035723.D	2,4,6-Tribromophenol	0.4	0.19	47		10	131
			Terphenyl-d14	0.4	0.54	136		35	157
			2-Methylnaphthalene-d10	0.4	0.31	77		20	139
			Fluoranthene-d10	0.4	0.40	100		30	150
			2-Fluorophenol	0.4	0.10	25		10	100
			Phenol-d6	0.4	0.05	11		10	100
			Nitrobenzene-d5	0.4	0.33	83		27	123
P5261-11	GM3-RW3-MW1-2	BN035724.D	2-Fluorobiphenyl	0.4	0.28	70		34	132
			2,4,6-Tribromophenol	0.4	0.16	39		10	131
			Terphenyl-d14	0.4	0.56	139		35	157
			2-Methylnaphthalene-d10	0.4	0.34	86		20	139
			Fluoranthene-d10	0.4	0.42	104		30	150
			2-Fluorophenol	0.4	0.10	25		10	100
			Phenol-d6	0.4	0.05	11		10	100
P5261-15	RE125D2-20241210	BN035726.D	Nitrobenzene-d5	0.4	0.36	90		27	123
			2-Fluorobiphenyl	0.4	0.33	82		34	132
			2,4,6-Tribromophenol	0.4	0.20	49		10	131
			Terphenyl-d14	0.4	0.64	159	*	35	157
			2-Methylnaphthalene-d10	0.4	0.32	81		20	139
			Fluoranthene-d10	0.4	0.41	101		30	150
			2-Fluorophenol	0.4	0.12	30		10	100
P5261-16	RE125D3-20241210	BN035725.D	Phenol-d6	0.4	0.06	16		10	100
			Nitrobenzene-d5	0.4	0.39	96		27	123
			2-Fluorobiphenyl	0.4	0.31	78		34	132
			2,4,6-Tribromophenol	0.4	0.19	47		10	131
			Terphenyl-d14	0.4	0.59	148		35	157
			2-Methylnaphthalene-d10	0.4	0.35	88		20	139
			Fluoranthene-d10	0.4	0.39	98		30	150

Surrogate Summary

SW-846

SDG No.: BN121924

Client: _____

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5261-16	RE125D3-2024121(BN035725.D		2-Fluorophenol	0.4	0.12	29		10	100
			Phenol-d6	0.4	0.05	14		10	100
			Nitrobenzene-d5	0.4	0.37	93		27	123
			2-Fluorobiphenyl	0.4	0.32	79		34	132
			2,4,6-Tribromophenol	0.4	0.17	43		10	131
			Terphenyl-d14	0.4	0.56	139		35	157
P5261-17	RE120D1-2024121(BN035727.D		2-Methylnaphthalene-d10	0.4	0.37	93		20	139
			Fluoranthene-d10	0.4	0.41	101		30	150
			2-Fluorophenol	0.4	0.13	32		10	100
			Phenol-d6	0.4	0.06	14		10	100
			Nitrobenzene-d5	0.4	0.42	104		27	123
			2-Fluorobiphenyl	0.4	0.33	83		34	132
			2,4,6-Tribromophenol	0.4	0.19	47		10	131
			Terphenyl-d14	0.4	0.54	134		35	157
			2-Methylnaphthalene-d10	0.4	0.38	96		20	139
			Fluoranthene-d10	0.4	0.39	97		30	150
PB165596BL	PB165596BL	BN035713.D	2-Fluorophenol	0.4	0.36	90		10	100
			Phenol-d6	0.4	0.30	76		10	100
			Nitrobenzene-d5	0.4	0.44	109		27	123
			2-Fluorobiphenyl	0.4	0.32	81		34	132
			2,4,6-Tribromophenol	0.4	0.11	28		10	131
			Terphenyl-d14	0.4	0.52	131		35	157
			2-Methylnaphthalene-d10	0.4	0.46	114		20	139
			Fluoranthene-d10	0.4	0.38	95		30	150
PB165596BS	PB165596BS	BN035728.D	2-Fluorophenol	0.4	0.34	84		10	100
			Phenol-d6	0.4	0.31	76		10	100
			Nitrobenzene-d5	0.4	0.46	115		27	123
			2-Fluorobiphenyl	0.4	0.36	89		34	132
			2,4,6-Tribromophenol	0.4	0.18	45		10	131
			Terphenyl-d14	0.4	0.44	110		35	157

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN121924

Lab Code: CHEM

SAS No.: BN121924 SDG NO.: BN121924

Lab File ID: BN035711.D

DFTPP Injection Date: 12/19/2024

Instrument ID: BNA_N

DFTPP Injection Time: 18:44

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23.5
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	33
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	40.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	29.9
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	80.6
443	15.0 - 24.0% of mass 442	15.4 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN035712.D	12/19/2024	19:23
PB165596BL	PB165596BL	BN035713.D	12/19/2024	20:35
RE122D1-20241209	P5261-01	BN035714.D	12/19/2024	21:11
RE122D2-20241209	P5261-02	BN035715.D	12/19/2024	21:47
RE122D3-20241209	P5261-03	BN035716.D	12/19/2024	22:23
RE103D1-20241209	P5261-04	BN035717.D	12/19/2024	22:58
RE103D2-20241209	P5261-05	BN035718.D	12/19/2024	23:34
RE103D3-20241209	P5261-06	BN035719.D	12/20/2024	00:10
RE134D1-20241209	P5261-07	BN035720.D	12/20/2024	00:46
DUP-01-20241209	P5261-08	BN035721.D	12/20/2024	01:22
RE134D3-20241210	P5261-09	BN035722.D	12/20/2024	01:58
RE134D4-20241210	P5261-10	BN035723.D	12/20/2024	02:34
GM3-RW3-MW1-20241210	P5261-11	BN035724.D	12/20/2024	03:10
RE125D3-20241210	P5261-16	BN035725.D	12/20/2024	03:46
RE125D2-20241210	P5261-15	BN035726.D	12/20/2024	04:22
RE120D1-20241210	P5261-17	BN035727.D	12/20/2024	04:58
PB165596BS	PB165596BS	BN035728.D	12/20/2024	05:34
SSTDCCC0.4EC	SSTDCCC0.4	BN035729.D	12/20/2024	06:10

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN121924

Lab Code: CHEM

SAS No.: BN121924

SDG NO.: BN121924

Lab File ID: BN035730.D

DFTPP Injection Date: 12/20/2024

Instrument ID: BNA_N

DFTPP Injection Time: 07:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.5
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	38.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.6
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	78.5
443	15.0 - 24.0% of mass 442	15.5 (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	BN035731.D	12/20/2024	08:04