

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG041524 SAS No.: BG041524 SDG No.: BG041524

Instrument ID: BNA_G Calibration Date/Time: 4/15/2024 11:38

Lab File ID: BG060899.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.887	0.823		-7.215	
Pyridine	1.485	1.322		-10.976	
2-Fluorophenol	1.201	1.133		-5.662	
Benzaldehyde	0.983	0.865		-12.004	
Aniline	2.250	1.853		-17.644	
Phenol-d6	1.782	1.549		-13.075	
Phenol	1.819	1.576		-13.359	20.0
bis(2-Chloroethyl) ether	1.468	1.185		-19.278	
2-Chlorophenol	1.361	1.206		-11.389	
1,2-Dichlorobenzene	1.415	1.352		-4.452	
1,3-Dichlorobenzene	1.415	1.291		-8.763	
1,4-Dichlorobenzene	1.444	1.332		-7.756	20.0
Benzyl Alcohol	1.444	1.344		-6.925	
2-Methylphenol	1.373	1.239		-9.76	
2,2-oxybis(1-Chloropropane)	3.314	2.981		-10.048	
Acetophenone	0.551	0.529		-3.993	
3+4-Methylphenols	1.880	1.699		-9.628	
n-Nitroso-di-n-propylamine	1.359	1.190	0.050	-12.436	
Nitrobenzene-d5	0.350	0.408		16.571	
Hexachloroethane	0.513	0.493		-3.899	
Nitrobenzene	0.352	0.409		16.193	
Isophorone	0.807	0.748		-7.311	
2-Nitrophenol	0.120	0.178		48.333	20.0
2,4-Dimethylphenol	0.324	0.304		-6.173	
bis(2-Chloroethoxy) methane	0.477	0.417		-12.579	
2,4-Dichlorophenol	0.298	0.315		5.705	20.0
1,2,4-Trichlorobenzene	0.337	0.345		2.374	
Benzoic acid	0.191	0.240		25.654	
Naphthalene	1.082	1.007		-6.932	
4-Chloroaniline	0.503	0.456		-9.344	
Hexachlorobutadiene	0.225	0.246		9.333	20.0
Caprolactam	0.118	0.106		-10.169	
4-Chloro-3-methylphenol	0.380	0.363		-4.474	20.0
2-Methylnaphthalene	0.795	0.728		-8.428	
Hexachlorocyclopentadiene	0.292	0.341	0.050	16.781	
2,4,6-Trichlorophenol	0.370	0.407		10.0	20.0
2-Fluorobiphenyl	1.363	1.309		-3.962	
2,4,5-Trichlorophenol	0.442	0.483		9.276	
1,1-Biphenyl	1.413	1.324		-6.299	

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Instrument ID: BNA_G Calibration Date/Time: 4/15/2024 11:38

Lab File ID: BG060899.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.073	1.022		-4.753	
2-Nitroaniline	0.307	0.410		33.55	
Dimethylphthalate	1.581	1.457		-7.843	
Acenaphthylene	1.803	1.668		-7.488	
2,6-Dinitrotoluene	0.247	0.303		22.672	
3-Nitroaniline	0.277	0.317		14.44	
Acenaphthene	1.132	1.104		-2.473	20.0
2,4-Dinitrophenol	0.110	0.164	0.050	49.091	
4-Nitrophenol	0.231	0.250	0.050	8.225	
Dibenzofuran	1.786	1.663		-6.887	
2,4-Dinitrotoluene	0.320	0.428		33.75	
Diethylphthalate	1.590	1.455		-8.491	
4-Chlorophenyl-phenylether	0.758	0.753		-0.66	
Fluorene	1.433	1.354		-5.513	
4-Nitroaniline	0.289	0.342		18.339	
4,6-Dinitro-2-methylphenol	0.073	0.107		46.575	
n-Nitrosodiphenylamine	0.572	0.527		-7.867	20.0
Azobenzene	1.550	1.370		-11.613	
2,4,6-Tribromophenol	0.227	0.295		29.956	
4-Bromophenyl-phenylether	0.203	0.220		8.374	
Hexachlorobenzene	0.229	0.234		2.183	
Atrazine	0.200	0.186		-7.0	
Pentachlorophenol	0.150	0.167		11.333	20.0
Phenanthrene	1.040	0.953		-8.365	
Anthracene	1.056	0.986		-6.629	
Carbazole	0.931	0.838		-9.989	
Di-n-butylphthalate	1.161	1.008		-13.178	
Fluoranthene	1.262	1.170		-7.29	20.0
Benzidine	0.527	0.436		-17.268	
Pyrene	1.399	1.313		-6.147	
Terphenyl-d14	1.136	1.042		-8.275	
Butylbenzylphthalate	0.510	0.491		-3.725	
3,3-Dichlorobenzidine	0.476	0.480		0.84	
Benzo(a)anthracene	1.410	1.321		-6.312	
Chrysene	1.359	1.275		-6.181	
Bis(2-ethylhexyl)phthalate	0.813	0.704		-13.407	
Di-n-octyl phthalate	1.325	1.226		-7.472	20.0
Benzo(b)fluoranthene	1.149	1.056		-8.094	
Benzo(k)fluoranthene	1.176	1.070		-9.014	

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Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG041524 SAS No.: BG041524 SDG No.: BG041524
 Instrument ID: BNA_G Calibration Date/Time: 4/15/2024 11:38
 Lab File ID: BG060899.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.117	1.032		-7.61	20.0
Indeno(1,2,3-cd)pyrene	1.408	1.296		-7.955	
Dibenzo(a,h)anthracene	1.187	1.089		-8.256	
Benzo(g,h,i)perylene	1.155	1.048		-9.264	
1,2,4,5-Tetrachlorobenzene	0.575	0.620		7.826	
1,4-Dioxane	0.492	0.404		-17.886	20.0
2,3,4,6-Tetrachlorophenol	0.385	0.437		13.506	
1-Methylnaphthalene	0.751	0.693		-7.723	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	PB160200BL	SDG No.:	BG041524
Lab Sample ID:	PB160200BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 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
BG060900.D	1	4/12/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	270	330	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.8	U	96.8	130	170	ug/Kg
108-95-2	Phenol	82.8	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.9	U	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.4	U	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.9	U	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.8	U	90.8	130	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.4	U	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.3	U	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	130	170	ug/Kg



Client:				Date Collected:	4/12/2024 12:00:00 AM	
Project:				Date Received:	4/12/2024 12:00:00 AM	
Client Sample ID:	PB160200BL			SDG No.:	BG041524	
Lab Sample ID:	PB160200BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.02	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
BG060900.D	1	4/12/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	PB160200BL	SDG No.:	BG041524
Lab Sample ID:	PB160200BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 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
BG060900.D	1	4/12/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	123.268		18-112		82	SPK: -150
13127-88-3	Phenol-d6	113.103		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	94.831		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	74.833		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	PB160200BL	SDG No.:	BG041524
Lab Sample ID:	PB160200BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 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
BG060900.D	1	4/12/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.116		10-110		106	SPK: -150
1718-51-0	Terphenyl-d14	74.506		14-112		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50620	7.95				
1146-65-2	Naphthalene-d8	202127	10.747				
15067-26-2	Acenaphthene-d10	163407	14.577				
1517-22-2	Phenanthrene-d10	428928	17.321				
1719-03-5	Chrysene-d12	431970	21.587				
1520-96-3	Perylene-d12	487899	24.718				

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	PB160246BL	SDG No.:	BG041524
Lab Sample ID:	PB160246BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BG060901.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	270	330	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.8	U	96.8	130	170	ug/Kg
108-95-2	Phenol	82.8	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.9	U	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.4	U	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.9	U	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.8	U	90.8	130	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.4	U	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.3	U	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	PB160246BL	SDG No.:	BG041524
Lab Sample ID:	PB160246BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BG060901.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	PB160246BL	SDG No.:	BG041524
Lab Sample ID:	PB160246BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BG060901.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130.819		18-112		87	SPK: -150
13127-88-3	Phenol-d6	113.497		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	91.78		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	74.788		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	PB160246BL	SDG No.:	BG041524
Lab Sample ID:	PB160246BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BG060901.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	160.007		10-110		107	SPK: -150
1718-51-0	Terphenyl-d14	73.988		14-112		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52519	7.947				
1146-65-2	Naphthalene-d8	215405	10.743				
15067-26-2	Acenaphthene-d10	168337	14.58				
1517-22-2	Phenanthrene-d10	438856	17.324				
1719-03-5	Chrysene-d12	441864	21.589				
1520-96-3	Perylene-d12	497987	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	77.3	J			24.839	
055320-06-4	Heneicosane, 11-decyl-	72.3	J			25.955	
000112-95-8	Eicosane	76.3	J			27.289	

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	BASEMENT-WELL	SDG No.:	BG041524
Lab Sample ID:	P2111-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03 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
BG060902.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	BASEMENT-WELL	SDG No.:	BG041524
Lab Sample ID:	P2111-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03 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
BG060902.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	BASEMENT-WELL	SDG No.:	BG041524
Lab Sample ID:	P2111-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03 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
BG060902.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	280		58	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.361		18-112		57	SPK: -150
13127-88-3	Phenol-d6	76.159		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	63.109		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	53.236		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	BASEMENT-WELL	SDG No.:	BG041524
Lab Sample ID:	P2111-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.03 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
BG060902.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.208		10-110		77	SPK: -150
1718-51-0	Terphenyl-d14	57.417		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41297	7.944				
1146-65-2	Naphthalene-d8	171570	10.74				
15067-26-2	Acenaphthene-d10	137361	14.577				
1517-22-2	Phenanthrene-d10	366462	17.321				
1719-03-5	Chrysene-d12	366994	21.58				
1520-96-3	Perylene-d12	431493	24.712				



Client:				Date Collected:	4/12/2024 12:00:00 AM	
Project:				Date Received:	4/12/2024 12:00:00 AM	
Client Sample ID:	NB-08-041224			SDG No.:	BG041524	
Lab Sample ID:	P2114-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	13.7	
Sample Wt/Vol:	50.08	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
BG060903.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.3	U	60.3	190	230	ug/Kg
110-86-1	Pyridine	55.5	U	55.5	90.2	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.3	U	67.3	90.2	120	ug/Kg
108-95-2	Phenol	57.5	U	57.5	90.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.1	U	58.1	90.2	120	ug/Kg
95-57-8	2-Chlorophenol	58	U	58	90.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.7	U	58.7	90.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.7	U	59.7	90.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60	U	60	90.2	120	ug/Kg
100-51-6	Benzyl Alcohol	57.6	U	57.6	190	230	ug/Kg
95-48-7	2-Methylphenol	55.9	U	55.9	90.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.1	U	63.1	90.2	120	ug/Kg
98-86-2	Acetophenone	60.3	U	60.3	90.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.4	U	55.4	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28	U	28	55.5	55.5	ug/Kg
67-72-1	Hexachloroethane	57.6	U	57.6	90.2	120	ug/Kg
98-95-3	Nitrobenzene	63	U	63	90.2	120	ug/Kg
78-59-1	Isophorone	58.7	U	58.7	90.2	120	ug/Kg
88-75-5	2-Nitrophenol	65.6	U	65.6	90.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.7	U	64.7	90.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.6	U	59.6	90.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.4	U	52.4	90.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.3	U	59.3	90.2	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.3	U	57.3	90.2	120	ug/Kg
106-47-8	4-Chloroaniline	57.3	U	57.3	90.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.8	U	57.8	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	NB-08-041224	SDG No.:	BG041524
Lab Sample ID:	P2114-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
Sample Wt/Vol:	50.08	Units:	g
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
BG060903.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.3	U	60.3	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.8	U	53.8	90.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.3	U	57.3	90.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.6	U	49.6	90.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.4	U	51.4	90.2	120	ug/Kg
92-52-4	1,1-Biphenyl	60.7	U	60.7	90.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.8	U	57.8	90.2	120	ug/Kg
88-74-4	2-Nitroaniline	65.9	U	65.9	90.2	120	ug/Kg
131-11-3	Dimethylphthalate	56.7	U	56.7	90.2	120	ug/Kg
208-96-8	Acenaphthylene	60	U	60	90.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.8	U	57.8	90.2	120	ug/Kg
99-09-2	3-Nitroaniline	61.9	U	61.9	90.2	120	ug/Kg
83-32-9	Acenaphthene	56.3	U	56.3	90.2	120	ug/Kg
Total PAH	Total PAH	919.7	U	919.7	90.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.5	U	80.5	190	230	ug/Kg
132-64-9	Dibenzofuran	58.6	U	58.6	90.2	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.8	U	59.8	90.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	117.6	U	117.6	90.2	240	ug/Kg
84-66-2	Diethylphthalate	55.6	U	55.6	90.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.4	U	59.4	90.2	120	ug/Kg
86-73-7	Fluorene	59.3	U	59.3	90.2	120	ug/Kg
100-01-6	4-Nitroaniline	74.3	U	74.3	90.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.2	U	81.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.6	U	56.6	90.2	120	ug/Kg
103-33-3	Azobenzene	55.3	U	55.3	90.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.8	U	54.8	90.2	120	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	90.2	120	ug/Kg
1912-24-9	Atrazine	63.4	U	63.4	90.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	NB-08-041224	SDG No.:	BG041524
Lab Sample ID:	P2114-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
Sample Wt/Vol:	50.08	Units:	g
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
BG060903.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.7	U	53.7	190	230	ug/Kg
85-01-8	Phenanthrene	58.3	U	58.3	90.2	120	ug/Kg
120-12-7	Anthracene	58.6	U	58.6	90.2	120	ug/Kg
86-74-8	Carbazole	55.7	U	55.7	90.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.5	U	58.5	90.2	120	ug/Kg
206-44-0	Fluoranthene	56.7	U	56.7	90.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57.6	U	57.6	90.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.2	U	67.2	90.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.4	U	68.4	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56	U	56	90.2	120	ug/Kg
218-01-9	Chrysene	55.2	U	55.2	90.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.2	U	63.2	90.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.4	U	76.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.3	U	56.3	90.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.3	U	57.3	90.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.6	U	64.6	90.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.2	U	54.2	90.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.4	U	56.4	90.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.6	U	55.6	90.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.3	U	60.3	90.2	120	ug/Kg
123-91-1	1,4-Dioxane	76.4	U	76.4	90.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.9	U	51.9	90.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.8	U	57.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.125		18-112		84	SPK: -150
13127-88-3	Phenol-d6	109.336		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	90.075		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	67.081		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	NB-08-041224	SDG No.:	BG041524
Lab Sample ID:	P2114-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
Sample Wt/Vol:	50.08 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
BG060903.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.681		10-110		104	SPK: -150
1718-51-0	Terphenyl-d14	62.868		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59514	7.947				
1146-65-2	Naphthalene-d8	246526	10.743				
15067-26-2	Acenaphthene-d10	178060	14.574				
1517-22-2	Phenanthrene-d10	420693	17.324				
1719-03-5	Chrysene-d12	401340	21.584				
1520-96-3	Perylene-d12	468617	24.721				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	230	J			3.17	
004254-15-3	(S)-(+)-1,2-Propanediol	83.5	J			3.687	
000999-65-5	Butane, 1-(1-methylpropoxy)-	50.7	J			10.514	
	unknown11.948	98.6	J			11.948	
000544-76-3	Hexadecane	69	J			12.177	
	unknown12.383	380	J			12.383	
	unknown12.641	51.4	J			12.641	
000629-59-4	Tetradecane	54.1	J			13.417	
000057-10-3	n-Hexadecanoic acid	160	J			18.229	
000057-11-4	Octadecanoic acid	59.7	J			19.504	
001599-67-3	1-Docosene	97.6	J			21.266	

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	NB-08-041224MS	SDG No.:	BG041524
Lab Sample ID:	P2114-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
Sample Wt/Vol:	50.02 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
BG060904.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	860		60.3	190	230	ug/Kg
110-86-1	Pyridine	660		55.5	90.3	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	370		67.3	90.3	120	ug/Kg
108-95-2	Phenol	910		57.6	90.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	750		58.2	90.3	120	ug/Kg
95-57-8	2-Chlorophenol	910		58	90.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	980		58.8	90.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	950		59.8	90.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	990		60.1	90.3	120	ug/Kg
100-51-6	Benzyl Alcohol	880		57.7	190	230	ug/Kg
95-48-7	2-Methylphenol	850		56	90.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	910		63.2	90.3	120	ug/Kg
98-86-2	Acetophenone	980		60.4	90.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	850		55.5	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	790		28	55.6	55.6	ug/Kg
67-72-1	Hexachloroethane	1000		57.7	90.3	120	ug/Kg
98-95-3	Nitrobenzene	1000		63.1	90.3	120	ug/Kg
78-59-1	Isophorone	920		58.8	90.3	120	ug/Kg
88-75-5	2-Nitrophenol	1300		65.7	90.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	800		64.8	90.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	920		59.6	90.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.5	90.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		59.4	90.3	120	ug/Kg
65-85-0	Benzoic acid	1200		160	190	230	ug/Kg
91-20-3	Naphthalene	970		57.4	90.3	120	ug/Kg
106-47-8	4-Chloroaniline	270		57.4	90.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	1200		57.9	90.3	120	ug/Kg



Client:				Date Collected:	4/12/2024 12:00:00 AM	
Project:				Date Received:	4/12/2024 12:00:00 AM	
Client Sample ID:	NB-08-041224MS			SDG No.:	BG041524	
Lab Sample ID:	P2114-01MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	13.7	
Sample Wt/Vol:	50.02	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
BG060904.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	910		60.3	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	990		53.9	90.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	910		57.3	90.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2400	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		49.6	90.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		51.4	90.3	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		60.7	90.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		57.9	90.3	120	ug/Kg
88-74-4	2-Nitroaniline	1200		66	90.3	120	ug/Kg
131-11-3	Dimethylphthalate	900		56.8	90.3	120	ug/Kg
208-96-8	Acenaphthylene	1000		60.1	90.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		57.8	90.3	120	ug/Kg
99-09-2	3-Nitroaniline	710		62	90.3	120	ug/Kg
83-32-9	Acenaphthene	1100		56.4	90.3	120	ug/Kg
Total PAH	Total PAH	15880		921.1	90.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2300	E	80.6	190	230	ug/Kg
132-64-9	Dibenzofuran	950		58.7	90.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		117.7	90.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		59.9	90.3	120	ug/Kg
84-66-2	Diethylphthalate	890		55.7	90.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		59.5	90.3	120	ug/Kg
86-73-7	Fluorene	960		59.4	90.3	120	ug/Kg
100-01-6	4-Nitroaniline	1100		74.4	90.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		81.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	960		56.7	90.3	120	ug/Kg
103-33-3	Azobenzene	900		55.3	90.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		54.8	90.3	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		59.1	90.3	120	ug/Kg
1912-24-9	Atrazine	1100		63.5	90.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	NB-08-041224MS	SDG No.:	BG041524
Lab Sample ID:	P2114-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
Sample Wt/Vol:	50.02 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
BG060904.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2300	E	53.7	190	230	ug/Kg
85-01-8	Phenanthrene	980		58.4	90.3	120	ug/Kg
120-12-7	Anthracene	970		58.7	90.3	120	ug/Kg
86-74-8	Carbazole	960		55.8	90.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	920		58.6	90.3	120	ug/Kg
206-44-0	Fluoranthene	980		56.8	90.3	120	ug/Kg
92-87-5	Benzidine	1200		110	190	230	ug/Kg
129-00-0	Pyrene	1000		57.7	90.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	1000		67.3	90.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	760		68.5	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1000		56.1	90.3	120	ug/Kg
218-01-9	Chrysene	1000		55.3	90.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	940		63.2	90.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		76.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		56.4	90.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	990		57.4	90.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	990		64.6	90.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		54.3	90.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		56.4	90.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	940		55.7	90.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		60.3	90.3	120	ug/Kg
123-91-1	1,4-Dioxane	720		76.4	90.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		51.9	90.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	900		57.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.567		18-112		70	SPK: -150
13127-88-3	Phenol-d6	92.349		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	84.931		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	62.575		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	NB-08-041224MS	SDG No.:	BG041524
Lab Sample ID:	P2114-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
Sample Wt/Vol:	50.02 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
BG060904.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.568		10-110		94	SPK: -150
1718-51-0	Terphenyl-d14	60.987		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71213	7.949				
1146-65-2	Naphthalene-d8	273529	10.746				
15067-26-2	Acenaphthene-d10	196707	14.577				
1517-22-2	Phenanthrene-d10	455040	17.327				
1719-03-5	Chrysene-d12	407338	21.592				
1520-96-3	Perylene-d12	493649	24.724				



Client:				Date Collected:	4/12/2024 12:00:00 AM	
Project:				Date Received:	4/12/2024 12:00:00 AM	
Client Sample ID:	NB-08-041224MSD			SDG No.:	BG041524	
Lab Sample ID:	P2114-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	13.7	
Sample Wt/Vol:	50.04	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
BG060905.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	910		60.3	190	230	ug/Kg
110-86-1	Pyridine	690		55.5	90.3	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	380		67.3	90.3	120	ug/Kg
108-95-2	Phenol	970		57.6	90.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	830		58.1	90.3	120	ug/Kg
95-57-8	2-Chlorophenol	1000		58	90.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		58.8	90.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		59.7	90.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		60.1	90.3	120	ug/Kg
100-51-6	Benzyl Alcohol	930		57.7	190	230	ug/Kg
95-48-7	2-Methylphenol	920		56	90.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980		63.1	90.3	120	ug/Kg
98-86-2	Acetophenone	1100		60.4	90.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	910		55.4	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	840		28	55.6	55.6	ug/Kg
67-72-1	Hexachloroethane	1100		57.7	90.3	120	ug/Kg
98-95-3	Nitrobenzene	1100		63.1	90.3	120	ug/Kg
78-59-1	Isophorone	990		58.8	90.3	120	ug/Kg
88-75-5	2-Nitrophenol	1400		65.6	90.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	840		64.7	90.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	990		59.6	90.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		52.4	90.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		59.3	90.3	120	ug/Kg
65-85-0	Benzoic acid	1200		160	190	230	ug/Kg
91-20-3	Naphthalene	1000		57.4	90.3	120	ug/Kg
106-47-8	4-Chloroaniline	290		57.4	90.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	1300		57.9	90.3	120	ug/Kg



Client:				Date Collected:	4/12/2024 12:00:00 AM	
Project:				Date Received:	4/12/2024 12:00:00 AM	
Client Sample ID:	NB-08-041224MSD			SDG No.:	BG041524	
Lab Sample ID:	P2114-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	13.7	
Sample Wt/Vol:	50.04	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
BG060905.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	950		60.3	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		53.8	90.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	960		57.3	90.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2300	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		49.6	90.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		51.4	90.3	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		60.7	90.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		57.9	90.3	120	ug/Kg
88-74-4	2-Nitroaniline	1200		66	90.3	120	ug/Kg
131-11-3	Dimethylphthalate	970		56.8	90.3	120	ug/Kg
208-96-8	Acenaphthylene	1100		60.1	90.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		57.8	90.3	120	ug/Kg
99-09-2	3-Nitroaniline	760		62	90.3	120	ug/Kg
83-32-9	Acenaphthene	1200		56.3	90.3	120	ug/Kg
Total PAH	Total PAH	16860		920.6	90.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2500	E	80.6	190	230	ug/Kg
132-64-9	Dibenzofuran	1000		58.6	90.3	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		59.9	90.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2500		117.7	90.3	240	ug/Kg
84-66-2	Diethylphthalate	940		55.6	90.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		59.5	90.3	120	ug/Kg
86-73-7	Fluorene	1000		59.4	90.3	120	ug/Kg
100-01-6	4-Nitroaniline	1100		74.3	90.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		81.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		56.7	90.3	120	ug/Kg
103-33-3	Azobenzene	940		55.3	90.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		54.8	90.3	120	ug/Kg
118-74-1	Hexachlorobenzene	1200		59	90.3	120	ug/Kg
1912-24-9	Atrazine	1100		63.5	90.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	NB-08-041224MSD	SDG No.:	BG041524
Lab Sample ID:	P2114-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
Sample Wt/Vol:	50.04 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
BG060905.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2500	E	53.7	190	230	ug/Kg
85-01-8	Phenanthrene	1000		58.4	90.3	120	ug/Kg
120-12-7	Anthracene	1000		58.6	90.3	120	ug/Kg
86-74-8	Carbazole	1000		55.8	90.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	980		58.6	90.3	120	ug/Kg
206-44-0	Fluoranthene	1000		56.8	90.3	120	ug/Kg
92-87-5	Benzidine	1300		110	190	230	ug/Kg
129-00-0	Pyrene	1100		57.7	90.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		67.2	90.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	840		68.5	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		56.1	90.3	120	ug/Kg
218-01-9	Chrysene	1100		55.2	90.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	990		63.2	90.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		76.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		56.3	90.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		57.4	90.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		64.6	90.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		54.3	90.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		56.4	90.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	960		55.6	90.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		60.3	90.3	120	ug/Kg
123-91-1	1,4-Dioxane	770		76.4	90.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		51.9	90.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	970		57.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	113.03		18-112		75	SPK: -150
13127-88-3	Phenol-d6	97.589		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	91.506		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	66.592		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	NB-08-041224MSD	SDG No.:	BG041524
Lab Sample ID:	P2114-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
Sample Wt/Vol:	50.04 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
BG060905.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.124		10-110		101	SPK: -150
1718-51-0	Terphenyl-d14	64.617		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68524	7.95				
1146-65-2	Naphthalene-d8	263156	10.747				
15067-26-2	Acenaphthene-d10	189165	14.578				
1517-22-2	Phenanthrene-d10	432907	17.328				
1719-03-5	Chrysene-d12	391790	21.587				
1520-96-3	Perylene-d12	478078	24.725				



Client:				Date Collected:	4/11/2024 12:00:00 AM	
Project:				Date Received:	4/11/2024 12:00:00 AM	
Client Sample ID:	OR-02-041124DL			SDG No.:	BG041524	
Lab Sample ID:	P2091-01DL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	8.2	
Sample Wt/Vol:	50.05	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
BG060906.D	10	4/12/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	570	U	570	1800	2200	ug/Kg
110-86-1	Pyridine	520	U	520	850	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2200	ug/Kg
62-53-3	Aniline	630	U	630	850	1100	ug/Kg
108-95-2	Phenol	540	U	540	850	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	550	U	550	850	1100	ug/Kg
95-57-8	2-Chlorophenol	550	U	550	850	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	550	U	550	850	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	560	U	560	850	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	560	U	560	850	1100	ug/Kg
100-51-6	Benzyl Alcohol	540	U	540	1800	2200	ug/Kg
95-48-7	2-Methylphenol	530	U	530	850	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	590	U	590	850	1100	ug/Kg
98-86-2	Acetophenone	570	U	570	850	1100	ug/Kg
65794-96-9	3+4-Methylphenols	520	U	520	1800	2200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	520	520	ug/Kg
67-72-1	Hexachloroethane	540	U	540	850	1100	ug/Kg
98-95-3	Nitrobenzene	590	U	590	850	1100	ug/Kg
78-59-1	Isophorone	550	U	550	850	1100	ug/Kg
88-75-5	2-Nitrophenol	620	U	620	850	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	610	U	610	850	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	560	U	560	850	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	490	U	490	850	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	560	U	560	850	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1800	2200	ug/Kg
91-20-3	Naphthalene	930	JD	540	850	1100	ug/Kg
106-47-8	4-Chloroaniline	540	U	540	850	1100	ug/Kg
87-68-3	Hexachlorobutadiene	540	U	540	850	1100	ug/Kg



Client:				Date Collected:	4/11/2024 12:00:00 AM	
Project:				Date Received:	4/11/2024 12:00:00 AM	
Client Sample ID:	OR-02-041124DL			SDG No.:	BG041524	
Lab Sample ID:	P2091-01DL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	8.2	
Sample Wt/Vol:	50.05	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
BG060906.D	10	4/12/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	570	U	570	1800	2200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	510	U	510	850	1100	ug/Kg
91-57-6	2-Methylnaphthalene	720	JD	540	850	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1800	2200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	470	U	470	850	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	480	U	480	850	1100	ug/Kg
92-52-4	1,1-Biphenyl	570	U	570	850	1100	ug/Kg
91-58-7	2-Chloronaphthalene	540	U	540	850	1100	ug/Kg
88-74-4	2-Nitroaniline	620	U	620	850	1100	ug/Kg
131-11-3	Dimethylphthalate	530	U	530	850	1100	ug/Kg
208-96-8	Acenaphthylene	560	U	560	850	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	540	U	540	850	1100	ug/Kg
99-09-2	3-Nitroaniline	580	U	580	850	1100	ug/Kg
83-32-9	Acenaphthene	1300	D	530	850	1100	ug/Kg
Total PAH	Total PAH	56230	D	8650	850	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1800	2200	ug/Kg
100-02-7	4-Nitrophenol	760	U	760	1800	2200	ug/Kg
132-64-9	Dibenzofuran	1100	D	550	850	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	560	U	560	850	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1100	U	1100	850	2200	ug/Kg
84-66-2	Diethylphthalate	520	U	520	850	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	560	U	560	850	1100	ug/Kg
86-73-7	Fluorene	2000	D	560	850	1100	ug/Kg
100-01-6	4-Nitroaniline	700	U	700	850	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	760	U	760	1800	2200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	530	U	530	850	1100	ug/Kg
103-33-3	Azobenzene	520	U	520	850	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	520	U	520	850	1100	ug/Kg
118-74-1	Hexachlorobenzene	560	U	560	850	1100	ug/Kg
1912-24-9	Atrazine	600	U	600	850	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	OR-02-041124DL	SDG No.:	BG041524
Lab Sample ID:	P2091-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
Sample Wt/Vol:	50.05 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
BG060906.D	10	4/12/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	500	U	500	1800	2200	ug/Kg
85-01-8	Phenanthrene	9500	D	550	850	1100	ug/Kg
120-12-7	Anthracene	3600	D	550	850	1100	ug/Kg
86-74-8	Carbazole	660	JD	520	850	1100	ug/Kg
84-74-2	Di-n-butylphthalate	550	U	550	850	1100	ug/Kg
206-44-0	Fluoranthene	9700	D	530	850	1100	ug/Kg
92-87-5	Benzidine	1100	U	1100	1800	2200	ug/Kg
129-00-0	Pyrene	7800	D	540	850	1100	ug/Kg
85-68-7	Butylbenzylphthalate	630	U	630	850	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	640	U	640	1800	2200	ug/Kg
56-55-3	Benzo(a)anthracene	4300	D	530	850	1100	ug/Kg
218-01-9	Chrysene	3700	D	520	850	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	590	U	590	850	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	720	U	720	1800	2200	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500	D	530	850	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	D	540	850	1100	ug/Kg
50-32-8	Benzo(a)pyrene	3700	D	610	850	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600	D	510	850	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	530	U	530	850	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900	D	520	850	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	570	U	570	850	1100	ug/Kg
123-91-1	1,4-Dioxane	720	U	720	850	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	490	U	490	850	1100	ug/Kg
90-12-0	1-Methylnaphthalene	540	U	540	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.91		18-112		55	SPK: -150
13127-88-3	Phenol-d6	69.14		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	68.39		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	52.13		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	OR-02-041124DL	SDG No.:	BG041524
Lab Sample ID:	P2091-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
Sample Wt/Vol:	50.05 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
BG060906.D	10	4/12/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.66		10-110		66	SPK: -150
1718-51-0	Terphenyl-d14	56.73		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67901	7.95				
1146-65-2	Naphthalene-d8	258549	10.746				
15067-26-2	Acenaphthene-d10	187138	14.577				
1517-22-2	Phenanthrene-d10	416279	17.327				
1719-03-5	Chrysene-d12	387191	21.587				
1520-96-3	Perylene-d12	458777	24.724				

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	286	SDG No.:	BG041524
Lab Sample ID:	P2108-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.1
Sample Wt/Vol:	10.06	Units:	g
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
BG060907.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	370	U	370	1200	1400	ug/Kg
110-86-1	Pyridine	340	U	340	550	730	ug/Kg
100-52-7	Benzaldehyde	780	U	780	1200	1400	ug/Kg
62-53-3	Aniline	410	U	410	550	730	ug/Kg
108-95-2	Phenol	350	U	350	550	730	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	360	U	360	550	730	ug/Kg
95-57-8	2-Chlorophenol	360	U	360	550	730	ug/Kg
95-50-1	1,2-Dichlorobenzene	360	U	360	550	730	ug/Kg
541-73-1	1,3-Dichlorobenzene	370	U	370	550	730	ug/Kg
106-46-7	1,4-Dichlorobenzene	370	U	370	550	730	ug/Kg
100-51-6	Benzyl Alcohol	350	U	350	1200	1400	ug/Kg
95-48-7	2-Methylphenol	340	U	340	550	730	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	390	U	390	550	730	ug/Kg
98-86-2	Acetophenone	370	U	370	550	730	ug/Kg
65794-96-9	3+4-Methylphenols	340	U	340	1200	1400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	170	U	170	340	340	ug/Kg
67-72-1	Hexachloroethane	350	U	350	550	730	ug/Kg
98-95-3	Nitrobenzene	390	U	390	550	730	ug/Kg
78-59-1	Isophorone	360	U	360	550	730	ug/Kg
88-75-5	2-Nitrophenol	400	U	400	550	730	ug/Kg
105-67-9	2,4-Dimethylphenol	400	U	400	550	730	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	370	U	370	550	730	ug/Kg
120-83-2	2,4-Dichlorophenol	320	U	320	550	730	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	360	U	360	550	730	ug/Kg
65-85-0	Benzoic acid	1000	U	1000	1200	1400	ug/Kg
91-20-3	Naphthalene	350	U	350	550	730	ug/Kg
106-47-8	4-Chloroaniline	350	U	350	550	730	ug/Kg
87-68-3	Hexachlorobutadiene	360	U	360	550	730	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	286	SDG No.:	BG041524
Lab Sample ID:	P2108-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.1
Sample Wt/Vol:	10.06	Units:	g
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
BG060907.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	370	U	370	1200	1400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	330	U	330	550	730	ug/Kg
91-57-6	2-Methylnaphthalene	350	U	350	550	730	ug/Kg
77-47-4	Hexachlorocyclopentadiene	670	U	670	1200	1400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	300	U	300	550	730	ug/Kg
95-95-4	2,4,5-Trichlorophenol	320	U	320	550	730	ug/Kg
92-52-4	1,1-Biphenyl	860		370	550	730	ug/Kg
91-58-7	2-Chloronaphthalene	360	U	360	550	730	ug/Kg
88-74-4	2-Nitroaniline	410	U	410	550	730	ug/Kg
131-11-3	Dimethylphthalate	350	U	350	550	730	ug/Kg
208-96-8	Acenaphthylene	370	U	370	550	730	ug/Kg
606-20-2	2,6-Dinitrotoluene	350	U	350	550	730	ug/Kg
99-09-2	3-Nitroaniline	380	U	380	550	730	ug/Kg
83-32-9	Acenaphthene	350	U	350	550	730	ug/Kg
Total PAH	Total PAH	5650	U	5650	550	11680	ug/Kg
51-28-5	2,4-Dinitrophenol	1000	U	1000	1200	1400	ug/Kg
100-02-7	4-Nitrophenol	490	U	490	1200	1400	ug/Kg
132-64-9	Dibenzofuran	360	U	360	550	730	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	720	U	720	550	1460	ug/Kg
121-14-2	2,4-Dinitrotoluene	370	U	370	550	730	ug/Kg
84-66-2	Diethylphthalate	340	U	340	550	730	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	370	U	370	550	730	ug/Kg
86-73-7	Fluorene	360	U	360	550	730	ug/Kg
100-01-6	4-Nitroaniline	460	U	460	550	730	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	500	U	500	1200	1400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	350	U	350	550	730	ug/Kg
103-33-3	Azobenzene	340	U	340	550	730	ug/Kg
101-55-3	4-Bromophenyl-phenylether	340	U	340	550	730	ug/Kg
118-74-1	Hexachlorobenzene	360	U	360	550	730	ug/Kg
1912-24-9	Atrazine	390	U	390	550	730	ug/Kg

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	286	SDG No.:	BG041524
Lab Sample ID:	P2108-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.1
Sample Wt/Vol:	10.06	Units:	g
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
BG060907.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	330	U	330	1200	1400	ug/Kg
85-01-8	Phenanthrene	360	U	360	550	730	ug/Kg
120-12-7	Anthracene	360	U	360	550	730	ug/Kg
86-74-8	Carbazole	340	U	340	550	730	ug/Kg
84-74-2	Di-n-butylphthalate	360	U	360	550	730	ug/Kg
206-44-0	Fluoranthene	350	U	350	550	730	ug/Kg
92-87-5	Benzidine	700	U	700	1200	1400	ug/Kg
129-00-0	Pyrene	350	U	350	550	730	ug/Kg
85-68-7	Butylbenzylphthalate	410	U	410	550	730	ug/Kg
91-94-1	3,3-Dichlorobenzidine	420	U	420	1200	1400	ug/Kg
56-55-3	Benzo(a)anthracene	340	U	340	550	730	ug/Kg
218-01-9	Chrysene	340	U	340	550	730	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	390	550	730	ug/Kg
117-84-0	Di-n-octyl phthalate	470	U	470	1200	1400	ug/Kg
205-99-2	Benzo(b)fluoranthene	350	U	350	550	730	ug/Kg
207-08-9	Benzo(k)fluoranthene	350	U	350	550	730	ug/Kg
50-32-8	Benzo(a)pyrene	400	U	400	550	730	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	330	550	730	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	350	U	350	550	730	ug/Kg
191-24-2	Benzo(g,h,i)perylene	340	U	340	550	730	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U	370	550	730	ug/Kg
123-91-1	1,4-Dioxane	470	U	470	550	730	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	320	U	320	550	730	ug/Kg
90-12-0	1-Methylnaphthalene	350	U	350	730	730	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.635		18-112		48	SPK: -150
13127-88-3	Phenol-d6	62.252		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	64.071		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	63.737		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	286	SDG No.:	BG041524
Lab Sample ID:	P2108-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.1
Sample Wt/Vol:	10.06	Units:	g
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
BG060907.D	1	4/15/2024 12:00:00 AM	4/15/2024 12:00:00 AM	PB160246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.602		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	41.586		14-112		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69295	7.955				
1146-65-2	Naphthalene-d8	245945	10.746				
15067-26-2	Acenaphthene-d10	123039	14.618				
1517-22-2	Phenanthrene-d10	148171	17.462				
1719-03-5	Chrysene-d12	254644	21.674				
1520-96-3	Perylene-d12	298139	24.794				
TENTATIVE IDENTIFIED COMPOUNDS							
001618-22-0	Naphthalene, decahydro-2,6-dimethy	780	J			10.54	
001674-10-8	Cyclohexene, 1,2-dimethyl-	960	J			11.169	
1000111-73-3	cis,trans-1,9-Dimethylspiro[5.5]un	1700	J			11.527	
	unknown11.804	2000	J			11.804	
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	2000	J			11.945	
	unknown12.044	2800	J			12.044	
	unknown12.497	3600	J			12.497	
074645-98-0	Dodecane, 2,7,10-trimethyl-	2800	J			13.161	



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

Hit Summary Sheet SW-846

SDG No.: BG041524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : OR-02-041124DL								
P2091-01DL	OR-02-041124DL	Solid	2-Methylnaphthalene	720.000	JD	540	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Acenaphthene	1,300.000	D	530	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Anthracene	3,600.000	D	550	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Benzo(a)anthracene	4,300.000	D	530	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Benzo(a)pyrene	3,700.000	D	610	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Benzo(b)fluoranthene	4,500.000	D	530	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Benzo(g,h,i)perylene	1,900.000	D	520	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Benzo(k)fluoranthene	1,700.000	D	540	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Carbazole	660.000	JD	520	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Chrysene	3,700.000	D	520	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Dibenzofuran	1,100.000	D	550	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Fluoranthene	9,700.000	D	530	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Fluorene	2,000.000	D	560	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Indeno(1,2,3-cd)pyrene	1,600.000	D	510	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Naphthalene	930.000	JD	540	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Phenanthrene	9,500.000	D	550	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Pyrene	7,800.000	D	540	1100	ug/Kg
P2091-01DL	OR-02-041124DL	Solid	Total PAH	56,230.000	D	8650	17600	ug/Kg
Total Svoc :				114,940.00				
Total Concentration:				114,940.00				
Client ID : 286								
P2108-03	286	Solid	cis,trans-1,9-Dimethylspiro[5.5]ur *	1,700.000	J			
P2108-03	286	Solid	Cyclohexene, 1,2-dimethyl- *	960.000	J			
P2108-03	286	Solid	Dodecane, 2,7,10-trimethyl- *	2,800.000	J			
P2108-03	286	Solid	Naphthalene, 1,2,3,4-tetrahydro-5- *	2,000.000	J			
P2108-03	286	Solid	Naphthalene, decahydro-2,6-dime *	780.000	J			
P2108-03	286	Solid	unknown11.804 *	2,000.000	J			
P2108-03	286	Solid	unknown12.044 *	2,800.000	J			
P2108-03	286	Solid	unknown12.497 *	3,600.000	J			
Total Tics :				16,640.00				
P2108-03	286	Solid	1,1-Biphenyl	860.000		370	730	ug/Kg
Total Svoc :				860.00				
Total Concentration:				17,500.00				
Client ID : BASEMENT-WELL								
P2111-01	BASEMENT-WELL	Solid	Butylbenzylphthalate	280.000		58	100	ug/Kg
Total Svoc :				280.00				

Hit Summary Sheet SW-846

SDG No.: BG041524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				280.00				
Client ID :	NB-08-041224							
P2114-01	NB-08-041224	Solid	(S)-(+)-1,2-Propanediol	*	83.500	J		
P2114-01	NB-08-041224	Solid	1-Docosene	*	97.600	J		
P2114-01	NB-08-041224	Solid	Butane, 1-(1-methylpropoxy)-	*	50.700	J		
P2114-01	NB-08-041224	Solid	Butane, 2-methoxy-2-methyl-	*	230.000	J		
P2114-01	NB-08-041224	Solid	Hexadecane	*	69.000	J		
P2114-01	NB-08-041224	Solid	n-Hexadecanoic acid	*	160.000	J		
P2114-01	NB-08-041224	Solid	Octadecanoic acid	*	59.700	J		
P2114-01	NB-08-041224	Solid	Tetradecane	*	54.100	J		
P2114-01	NB-08-041224	Solid	unknown11.948	*	98.600	J		
P2114-01	NB-08-041224	Solid	unknown12.383	*	380.000	J		
P2114-01	NB-08-041224	Solid	unknown12.641	*	51.400	J		
Total Tics :				1,334.60				
Total Concentration:				1,334.60				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG032924 SAS No.: BG032924 SDG No.: BG032924
Instrument ID: _____ Calibration Date(s): 3/29/2024 : _____
Calibration Time(s): 10:48 _____

LAB FILE ID:		RRF2.5 = BG060699.D			RRF5.0 = BG060700.D		RRF010 = BG060701.D	
		RRF020 = BG060702.D			RRF040 = BG060703.D		RRF050 = BG060704.D	
COMPOUND	RRF2.5	RRF5.0	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.894	0.864	0.865	0.929	0.915	0.887	5.2
Pyridine		1.490	1.522	1.496	1.602	1.565	1.485	8.1
2-Fluorophenol		1.171	1.161	1.269	1.204	1.164	1.201	3.5
Benzaldehyde			1.121	1.113	0.947	0.875	0.983	12.9
Aniline		2.123	2.225	2.424	2.291	2.196	2.250	4.2
Phenol-d6		1.718	1.774	1.859	1.813	1.738	1.782	2.8
Phenol		1.712	1.798	1.902	1.875	1.764	1.819	3.8
bis(2-Chloroethyl)ether		1.477	1.480	1.546	1.467	1.414	1.468	2.8
2-Chlorophenol		1.265	1.350	1.428	1.376	1.348	1.361	4.0
1,2-Dichlorobenzene		1.455	1.406	1.516	1.396	1.323	1.415	4.2
1,3-Dichlorobenzene		1.527	1.396	1.447	1.391	1.357	1.415	4.0
1,4-Dichlorobenzene		1.474	1.476	1.484	1.421	1.390	1.444	2.7
Benzyl Alcohol		1.345	1.411	1.500	1.481	1.421	1.444	3.8
2-Methylphenol		1.285	1.361	1.457	1.386	1.325	1.373	4.2
2,2-oxybis(1-Chloropropane)		3.269	3.356	3.489	3.291	3.139	3.314	3.2
Acetophenone		0.539	0.534	0.597	0.540	0.545	0.551	4.4
3+4-Methylphenols		1.683	1.831	2.015	1.911	1.849	1.880	5.8
n-Nitroso-di-n-propylamine	1.345	1.260	1.367	1.452	1.377	1.318	1.359	4.2
Nitrobenzene-d5			0.270	0.331	0.341	0.371	0.350	13.6
Hexachloroethane		0.495	0.533	0.533	0.493	0.493	0.513	3.8
Nitrobenzene		0.253	0.304	0.348	0.363	0.386	0.352	16.1
Isophorone		0.765	0.787	0.853	0.804	0.813	0.807	3.8
2-Nitrophenol		0.079	0.083	0.111	0.124	0.137	0.120	25.1
2,4-Dimethylphenol		0.310	0.321	0.347	0.318	0.323	0.324	4.1
bis(2-Chloroethoxy)methane		0.469	0.467	0.496	0.469	0.482	0.477	2.5
2,4-Dichlorophenol		0.253	0.277	0.311	0.306	0.313	0.298	8.0
1,2,4-Trichlorobenzene		0.325	0.326	0.351	0.331	0.339	0.337	3.6
Benzoic acid			0.115	0.163	0.199	0.212	0.191	23.5
Naphthalene		1.074	1.091	1.136	1.077	1.065	1.082	2.9
4-Chloroaniline		0.487	0.493	0.528	0.508	0.502	0.503	2.9
Hexachlorobutadiene		0.213	0.223	0.234	0.218	0.226	0.225	3.6
Caprolactam		0.112	0.119	0.127	0.121	0.115	0.118	4.6
4-Chloro-3-methylphenol		0.370	0.365	0.394	0.392	0.377	0.380	3.1
2-Methylnaphthalene		0.808	0.811	0.828	0.783	0.772	0.795	3.5
Hexachlorocyclopentadiene		0.256	0.247	0.295	0.286	0.314	0.292	10.9
2,4,6-Trichlorophenol		0.302	0.338	0.381	0.372	0.398	0.370	10.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG032924 SAS No.: BG032924 SDG No.: BG032924
Instrument ID: _____ Calibration Date(s): 3/29/2024 : _____
Calibration Time(s): 10:48 _____

LAB FILE ID:		RRF2.5 = BG060699.D			RRF5.0 = BG060700.D		RRF010 = BG060701.D	
		RRF020 = BG060702.D			RRF040 = BG060703.D		RRF050 = BG060704.D	
COMPOUND	RRF2.5	RRF5.0	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.383	1.377	1.463	1.316	1.359	1.363	4.1
2,4,5-Trichlorophenol		0.380	0.407	0.461	0.445	0.465	0.442	7.9
1,1-Biphenyl		1.417	1.415	1.496	1.364	1.405	1.413	3.0
2-Chloronaphthalene		1.036	1.062	1.133	1.045	1.083	1.073	3.0
2-Nitroaniline		0.201	0.231	0.289	0.323	0.356	0.307	22.9
Dimethylphthalate		1.570	1.576	1.696	1.565	1.570	1.581	3.6
Acenaphthylene		1.760	1.812	1.900	1.759	1.818	1.803	2.9
2,6-Dinitrotoluene		0.154	0.188	0.251	0.264	0.284	0.247	22.3
3-Nitroaniline		0.185	0.226	0.283	0.300	0.309	0.277	18.7
Acenaphthene		1.093	1.150	1.191	1.108	1.137	1.132	3.1
2,4-Dinitrophenol			0.092	0.099	0.108	0.118	0.110	14.8
4-Nitrophenol			0.180	0.218	0.236	0.244	0.231	12.4
Dibenzofuran		1.813	1.854	1.867	1.732	1.780	1.786	3.6
2,4-Dinitrotoluene		0.192	0.242	0.314	0.346	0.374	0.320	24.0
Diethylphthalate		1.622	1.665	1.690	1.557	1.558	1.590	4.5
4-Chlorophenyl-phenylether		0.794	0.789	0.798	0.738	0.742	0.758	4.7
Fluorene		1.482	1.514	1.521	1.412	1.398	1.433	5.3
4-Nitroaniline		0.214	0.255	0.299	0.303	0.312	0.289	13.8
4,6-Dinitro-2-methylphenol			0.048	0.063	0.072	0.081	0.073	21.8
n-Nitrosodiphenylamine		0.539	0.564	0.586	0.568	0.587	0.572	3.1
Azobenzene		1.516	1.599	1.667	1.536	1.532	1.550	4.1
2,4,6-Tribromophenol		0.187	0.214	0.243	0.226	0.236	0.227	9.2
4-Bromophenyl-phenylether		0.187	0.189	0.215	0.202	0.205	0.203	5.7
Hexachlorobenzene		0.222	0.219	0.239	0.225	0.233	0.229	3.4
Atrazine		0.195	0.209	0.213	0.200	0.197	0.200	4.4
Pentachlorophenol		0.108	0.133	0.155	0.152	0.164	0.150	14.9
Phenanthrene		1.052	1.057	1.109	1.010	1.030	1.040	3.9
Anthracene		1.060	1.060	1.128	1.030	1.050	1.056	3.7
Carbazole		0.957	0.949	0.999	0.906	0.919	0.931	4.5
Di-n-butylphthalate		1.134	1.187	1.258	1.153	1.154	1.161	4.5
Fluoranthene		1.343	1.329	1.337	1.216	1.228	1.262	5.8
Benzidine		0.498	0.492	0.525	0.596	0.534	0.527	6.5
Pyrene		1.411	1.408	1.525	1.368	1.366	1.399	4.5
Terphenyl-d14		1.221	1.230	1.271	1.104	1.073	1.136	9.3
Butylbenzylphthalate		0.422	0.460	0.539	0.520	0.542	0.510	9.8
3,3-Dichlorobenzidine		0.430	0.445	0.510	0.493	0.488	0.476	5.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG032924 SAS No.: BG032924 SDG No.: BG032924
Instrument ID: _____ Calibration Date(s): 3/29/2024 : _____
Calibration Time(s): 10:48 _____

LAB FILE ID:		RRF2.5 = BG060699.D			RRF5.0 = BG060700.D		RRF010 = BG060701.D	
		RRF020 = BG060702.D			RRF040 = BG060703.D		RRF050 = BG060704.D	
COMPOUND	RRF2.5	RRF5.0	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.385	1.406	1.500	1.401	1.400	1.410	3.1
Chrysene		1.350	1.348	1.440	1.345	1.349	1.359	2.8
Bis(2-ethylhexyl)phthalate		0.705	0.769	0.866	0.836	0.847	0.813	7.0
Di-n-octyl phthalate		1.077	1.191	1.382	1.389	1.413	1.325	10.2
Benzo(b)fluoranthene		1.132	1.130	1.198	1.141	1.143	1.149	2.2
Benzo(k)fluoranthene		1.155	1.142	1.236	1.181	1.172	1.176	3.1
Benzo(a)pyrene		1.073	1.092	1.156	1.122	1.119	1.117	2.8
Indeno(1,2,3-cd)pyrene		1.303	1.361	1.463	1.393	1.461	1.408	4.3
Dibenzo(a,h)anthracene		1.092	1.144	1.234	1.173	1.235	1.187	4.7
Benzo(g,h,i)perylene		1.091	1.120	1.190	1.139	1.189	1.155	3.5
1,2,4,5-Tetrachlorobenzene		0.553	0.550	0.595	0.555	0.589	0.575	3.8
1,4-Dioxane		0.553	0.531	0.496	0.476	0.492	0.492	8.9
2,3,4,6-Tetrachlorophenol		0.325	0.373	0.396	0.400	0.404	0.385	7.4
1-Methylnaphthalene		0.770	0.762	0.806	0.727	0.732	0.751	4.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG041524 SAS No.: BG041524 SDG NO.: BG041524

EPA Sample No.: SSTDICCC040

Date Analyzed: Apr 15 2024 12:00AM

Lab File ID: BG060703.D

Time Analyzed: 12:19

Instrument ID: BNA_G

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	51170	7.961	236385	10.76	178236	14.59
UPPER LIMIT	102340	8.461	472770	11.258	356472	15.089
LOWER LIMIT	25585	7.461	118192.5	10.258	89118	14.089
EPA SAMPLE NO.						
01 PB160200BL	50620	7.95	202127	10.75	163407	14.58
02 PB160246BL	52519	7.95	215405	10.74	168337	14.58
03 BASEMENT-WELL	41297	7.94	171570	10.74	137361	14.58
04 NB-08-041224	59514	7.95	246526	10.74	178060	14.57
05 NB-08-041224MS	71213	7.95	273529	10.75	196707	14.58
06 NB-08-041224MSD	68524	7.95	263156	10.75	189165	14.58
07 OR-02-041124DL	67901	7.95	258549	10.75	187138	14.58
08 286	69295	7.96	245945	10.75	123039	14.62

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.: BG041524 SAS No.: BG041524 SDG NO.: BG041524

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 15 2024 12:00AM

Lab File ID: BG060899.D Time Analyzed: 12:19

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	78872	7.949	322148	10.75	240743	14.58
UPPER LIMIT	157744	8.449	644296	11.246	481486	15.083
LOWER LIMIT	39436	7.449	161074	10.246	120371.5	14.083
EPA SAMPLE NO.						
01 PB160200BL	50620	7.95	202127	10.75	163407	14.58
02 PB160246BL	52519	7.95	215405	10.74	168337	14.58
03 BASEMENT-WELL	41297	7.94	171570	10.74	137361	14.58
04 NB-08-041224	59514	7.95	246526	10.74	178060	14.57
05 NB-08-041224MS	71213	7.95	273529	10.75	196707	14.58
06 NB-08-041224MSD	68524	7.95	263156	10.75	189165	14.58
07 OR-02-041124DL	67901	7.95	258549	10.75	187138	14.58
08 286	69295	7.96	245945	10.75	123039	14.62

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.: BG041524 SAS No.: BG041524 SDG NO.: BG041524

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 15 2024 12:00AM

Lab File ID: BG060703.D Time Analyzed: 12:19

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	416987	17.339	381473	21.604	450367	24.748
UPPER LIMIT	833974	17.839	762946	22.104	900734	25.248
LOWER LIMIT	208493.5	16.839	190736.5	21.104	225183.5	24.248
EPA SAMPLE NO.						
01 PB160200BL	428928	17.32	431970	21.59	487899	24.72
02 PB160246BL	438856	17.32	441864	21.59	497987	24.72
03 BASEMENT-WELL	366462	17.32	366994	21.58	431493	24.71
04 NB-08-041224	420693	17.32	401340	21.58	468617	24.72
05 NB-08-041224MS	455040	17.33	407338	21.59	493649	24.72
06 NB-08-041224MSD	432907	17.33	391790	21.59	478078	24.73
07 OR-02-041124DL	416279	17.33	387191	21.59	458777	24.72
08 286	148171 *	17.46	254644	21.67	298139	24.79

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG041524 SAS No.: BG041524 SDG NO.: BG041524

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 15 2024 12:00AM

Lab File ID: BG060899.D Time Analyzed: 12:19

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	576436	17.333	527514	21.592	630438	24.73
UPPER LIMIT	1152872	17.833	1055028	22.092	1260876	25.23
LOWER LIMIT	288218	16.833	263757	21.092	315219	24.23
EPA SAMPLE NO.						
01 PB160200BL	428928	17.32	431970	21.59	487899	24.72
02 PB160246BL	438856	17.32	441864	21.59	497987	24.72
03 BASEMENT-WELL	366462	17.32	366994	21.58	431493	24.71
04 NB-08-041224	420693	17.32	401340	21.58	468617	24.72
05 NB-08-041224MS	455040	17.33	407338	21.59	493649	24.72
06 NB-08-041224MSD	432907	17.33	391790	21.59	478078	24.73
07 OR-02-041124DL	416279	17.33	387191	21.59	458777	24.72
08 286	148171 *	17.46	254644 *	21.67	298139 *	24.79

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160200BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG041524

SAS No.: BG041524 SDG NO.: BG041524

Lab File ID: BG060900.D

Lab Sample ID: PB160200BL

Instrument ID: BNA_G

Date Extracted: 04/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/15/2024

Level: (low/med) LOW

Time Analyzed: 12:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160246BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG041524

SAS No.: BG041524 SDG NO.: BG041524

Lab File ID: BG060901.D

Lab Sample ID: PB160246BL

Instrument ID: BNA_G

Date Extracted: 04/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/15/2024

Level: (low/med) LOW

Time Analyzed: 14:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BASEMENT-WELL	P2111-01	BG060902.D	04/15/2024
NB-08-041224	P2114-01	BG060903.D	04/15/2024
NB-08-041224MS	P2114-01MS	BG060904.D	04/15/2024
NB-08-041224MSD	P2114-01MSD	BG060905.D	04/15/2024
286	P2108-03	BG060907.D	04/15/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG041524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2114-01MS		Client Sample ID: NB-08-041224MS		DataFile: BG060904.D							
n-Nitrosodimethylamine	1200		860	ug/Kg	72				66	124	
Pyridine	1200		660	ug/Kg	55				45	119	
Benzaldehyde	1200		0	ug/Kg	0	*			26	163	
Aniline	1200		370	ug/Kg	31				10	88	
Phenol	1200		910	ug/Kg	76				67	126	
bis(2-Chloroethyl)ether	1200		750	ug/Kg	63	*			74	116	
2-Chlorophenol	1200		910	ug/Kg	76				61	138	
1,2-Dichlorobenzene	1200		980	ug/Kg	82				61	105	
1,3-Dichlorobenzene	1200		950	ug/Kg	79				62	101	
1,4-Dichlorobenzene	1200		990	ug/Kg	83				63	104	
Benzyl Alcohol	1200		880	ug/Kg	73				47	126	
2-Methylphenol	1200		850	ug/Kg	71				66	122	
2,2-oxybis(1-Chloropropane)	1200		910	ug/Kg	76				52	115	
Acetophenone	1200		980	ug/Kg	82				75	111	
3+4-Methylphenols	1200		850	ug/Kg	71				53	132	
N-Nitroso-di-n-propylamine	1200		790	ug/Kg	66				59	119	
Hexachloroethane	1200		1000	ug/Kg	83				65	117	
Nitrobenzene	1200		1000	ug/Kg	83				70	119	
Isophorone	1200		920	ug/Kg	77				76	122	
2-Nitrophenol	1200		1300	ug/Kg	108				54	145	
2,4-Dimethylphenol	1200		800	ug/Kg	67	*			83	144	
bis(2-Chloroethoxy)methane	1200		920	ug/Kg	77				68	112	
2,4-Dichlorophenol	1200		1100	ug/Kg	92				72	118	
1,2,4-Trichlorobenzene	1200		1100	ug/Kg	92				57	103	
Benzoic acid	1200		1200	ug/Kg	100				50	104	
Naphthalene	1200		970	ug/Kg	81				72	110	
4-Chloroaniline	1200		270	ug/Kg	23				10	100	
Hexachlorobutadiene	1200		1200	ug/Kg	100				66	114	
Caprolactam	1200		910	ug/Kg	76				51	134	
4-Chloro-3-methylphenol	1200		990	ug/Kg	83				57	132	
2-Methylnaphthalene	1200		910	ug/Kg	76				59	123	
Hexachlorocyclopentadiene	2300		2400	ug/Kg	104				10	175	
2,4,6-Trichlorophenol	1200		1200	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
1,1-Biphenyl	1200		1000	ug/Kg	83				75	113	
2-Chloronaphthalene	1200		1100	ug/Kg	92				67	118	
2-Nitroaniline	1200		1200	ug/Kg	100				69	127	
Dimethylphthalate	1200		900	ug/Kg	75				70	113	
Acenaphthylene	1200		1000	ug/Kg	83				79	118	
2,6-Dinitrotoluene	1200		1100	ug/Kg	92				70	125	
3-Nitroaniline	1200		710	ug/Kg	59				20	111	
Acenaphthene	1200		1100	ug/Kg	92				70	121	
Total PAH	19200		15880	ug/Kg	83				70	121	
2,4-Dinitrophenol	2300		3400	ug/Kg	148				16	160	
4-Nitrophenol	2300		2300	ug/Kg	100				45	133	
Dibenzofuran	1200		950	ug/Kg	79				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG041524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1200	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2300	ug/Kg	96				55	128	
Diethylphthalate	1200		890	ug/Kg	74				70	112	
4-Chlorophenyl-phenylether	1200		1000	ug/Kg	83				71	108	
Fluorene	1200		960	ug/Kg	80				68	116	
4-Nitroaniline	1200		1100	ug/Kg	92				55	120	
4,6-Dinitro-2-methylphenol	1200		1300	ug/Kg	108				32	145	
N-Nitrosodiphenylamine	1200		960	ug/Kg	80				73	118	
Azobenzene	1200		900	ug/Kg	75				73	110	
4-Bromophenyl-phenylether	1200		1100	ug/Kg	92				65	121	
Hexachlorobenzene	1200		1100	ug/Kg	92				67	118	
Atrazine	1200		1100	ug/Kg	92				79	127	
Pentachlorophenol	2300		2300	ug/Kg	100				47	128	
Phenanthrene	1200		980	ug/Kg	82				72	113	
Anthracene	1200		970	ug/Kg	81				62	124	
Carbazole	1200		960	ug/Kg	80				59	119	
Di-n-butylphthalate	1200		920	ug/Kg	77				69	118	
Fluoranthene	1200		980	ug/Kg	82				59	125	
Benzydine	2300		1200	ug/Kg	52				10	119	
Pyrene	1200		1000	ug/Kg	83				52	128	
Butylbenzylphthalate	1200		1000	ug/Kg	83				64	126	
3,3-Dichlorobenzidine	1200		760	ug/Kg	63				10	164	
Benzo(a)anthracene	1200		1000	ug/Kg	83				71	114	
Chrysene	1200		1000	ug/Kg	83				57	121	
bis(2-Ethylhexyl)phthalate	1200		940	ug/Kg	78				66	127	
Di-n-octyl phthalate	1200		1000	ug/Kg	83				71	126	
Benzo(b)fluoranthene	1200		1000	ug/Kg	83				67	121	
Benzo(k)fluoranthene	1200		990	ug/Kg	83				74	114	
Benzo(a)pyrene	1200		990	ug/Kg	83				70	142	
Indeno(1,2,3-cd)pyrene	1200		1000	ug/Kg	83				61	125	
Dibenz(a,h)anthracene	1200		1000	ug/Kg	83				67	130	
Benzo(g,h,i)perylene	1200		940	ug/Kg	78				53	140	
1,2,4,5-Tetrachlorobenzene	1200		1200	ug/Kg	100				69	124	
1,4-Dioxane	1200		720	ug/Kg	60				46	112	
2,3,4,6-Tetrachlorophenol	1200		1200	ug/Kg	100				56	133	
1-Methylnaphthalene	1200		900	ug/Kg	75				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG041524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2114-01MSD		Client Sample ID: NB-08-041224MSD		DataFile: BG060905.D							
n-Nitrosodimethylamine	1200		910	ug/Kg	76		5		66	124	20
Pyridine	1200		690	ug/Kg	58		5		45	119	20
Benzaldehyde	1200		0	ug/Kg	0	*			26	163	20
Aniline	1200		380	ug/Kg	32		3		10	88	20
Phenol	1200		970	ug/Kg	81		6		67	126	20
bis(2-Chloroethyl)ether	1200		830	ug/Kg	69	*	9		74	116	20
2-Chlorophenol	1200		1000	ug/Kg	83		9		61	138	20
1,2-Dichlorobenzene	1200		1100	ug/Kg	92		11		61	105	20
1,3-Dichlorobenzene	1200		1000	ug/Kg	83		5		62	101	20
1,4-Dichlorobenzene	1200		1000	ug/Kg	83		0		63	104	20
Benzyl Alcohol	1200		930	ug/Kg	78		7		47	126	20
2-Methylphenol	1200		920	ug/Kg	77		8		66	122	20
2,2-oxybis(1-Chloropropane)	1200		980	ug/Kg	82		8		52	115	20
Acetophenone	1200		1100	ug/Kg	92		11		75	111	20
3+4-Methylphenols	1200		910	ug/Kg	76		7		53	132	20
N-Nitroso-di-n-propylamine	1200		840	ug/Kg	70		6		59	119	20
Hexachloroethane	1200		1100	ug/Kg	92		10		65	117	20
Nitrobenzene	1200		1100	ug/Kg	92		10		70	119	20
Isophorone	1200		990	ug/Kg	83		8		76	122	20
2-Nitrophenol	1200		1400	ug/Kg	117		8		54	145	20
2,4-Dimethylphenol	1200		840	ug/Kg	70	*	4		83	144	20
bis(2-Chloroethoxy)methane	1200		990	ug/Kg	83		8		68	112	20
2,4-Dichlorophenol	1200		1200	ug/Kg	100		8		72	118	20
1,2,4-Trichlorobenzene	1200		1200	ug/Kg	100		8		57	103	20
Benzoic acid	1200		1200	ug/Kg	100		0		50	104	20
Naphthalene	1200		1000	ug/Kg	83		2		72	110	20
4-Chloroaniline	1200		290	ug/Kg	24		4		10	100	20
Hexachlorobutadiene	1200		1300	ug/Kg	108		8		66	114	20
Caprolactam	1200		950	ug/Kg	79		4		51	134	20
4-Chloro-3-methylphenol	1200		1000	ug/Kg	83		0		57	132	20
2-Methylnaphthalene	1200		960	ug/Kg	80		5		59	123	20
Hexachlorocyclopentadiene	2300		2300	ug/Kg	100		4		10	175	20
2,4,6-Trichlorophenol	1200		1300	ug/Kg	108		8		72	117	20
2,4,5-Trichlorophenol	1200		1200	ug/Kg	100		8		72	117	20
1,1-Biphenyl	1200		1100	ug/Kg	92		10		75	113	20
2-Chloronaphthalene	1200		1100	ug/Kg	92		0		67	118	20
2-Nitroaniline	1200		1200	ug/Kg	100		0		69	127	20
Dimethylphthalate	1200		970	ug/Kg	81		8		70	113	20
Acenaphthylene	1200		1100	ug/Kg	92		10		79	118	20
2,6-Dinitrotoluene	1200		1200	ug/Kg	100		8		70	125	20
3-Nitroaniline	1200		760	ug/Kg	63		7		20	111	20
Acenaphthene	1200		1200	ug/Kg	100		8		70	121	20
Total PAH	19200		16860	ug/Kg	88		6		70	121	20
2,4-Dinitrophenol	2300		3600	ug/Kg	157		6		16	160	20
4-Nitrophenol	2300		2500	ug/Kg	109		9		45	133	20
Dibenzofuran	1200		1000	ug/Kg	83		5		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG041524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1300	ug/Kg	108		8		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2500	ug/Kg	104		8		55	128	20
Diethylphthalate	1200		940	ug/Kg	78		5		70	112	20
4-Chlorophenyl-phenylether	1200		1000	ug/Kg	83		0		71	108	20
Fluorene	1200		1000	ug/Kg	83		4		68	116	20
4-Nitroaniline	1200		1100	ug/Kg	92		0		55	120	20
4,6-Dinitro-2-methylphenol	1200		1500	ug/Kg	125		15		32	145	20
N-Nitrosodiphenylamine	1200		1000	ug/Kg	83		4		73	118	20
Azobenzene	1200		940	ug/Kg	78		4		73	110	20
4-Bromophenyl-phenylether	1200		1200	ug/Kg	100		8		65	121	20
Hexachlorobenzene	1200		1200	ug/Kg	100		8		67	118	20
Atrazine	1200		1100	ug/Kg	92		0		79	127	20
Pentachlorophenol	2300		2500	ug/Kg	109		9		47	128	20
Phenanthrene	1200		1000	ug/Kg	83		1		72	113	20
Anthracene	1200		1000	ug/Kg	83		2		62	124	20
Carbazole	1200		1000	ug/Kg	83		4		59	119	20
Di-n-butylphthalate	1200		980	ug/Kg	82		6		69	118	20
Fluoranthene	1200		1000	ug/Kg	83		1		59	125	20
Benzydine	2300		1300	ug/Kg	57		9		10	119	20
Pyrene	1200		1100	ug/Kg	92		10		52	128	20
Butylbenzylphthalate	1200		1100	ug/Kg	92		10		64	126	20
3,3-Dichlorobenzidine	1200		840	ug/Kg	70		11		10	164	20
Benzo(a)anthracene	1200		1100	ug/Kg	92		10		71	114	20
Chrysene	1200		1100	ug/Kg	92		10		57	121	20
bis(2-Ethylhexyl)phthalate	1200		990	ug/Kg	83		6		66	127	20
Di-n-octyl phthalate	1200		1100	ug/Kg	92		10		71	126	20
Benzo(b)fluoranthene	1200		1100	ug/Kg	92		10		67	121	20
Benzo(k)fluoranthene	1200		1000	ug/Kg	83		0		74	114	20
Benzo(a)pyrene	1200		1100	ug/Kg	92		10		70	142	20
Indeno(1,2,3-cd)pyrene	1200		1100	ug/Kg	92		10		61	125	20
Dibenz(a,h)anthracene	1200		1000	ug/Kg	83		0		67	130	20
Benzo(g,h,i)perylene	1200		960	ug/Kg	80		3		53	140	20
1,2,4,5-Tetrachlorobenzene	1200		1300	ug/Kg	108		8		69	124	20
1,4-Dioxane	1200		770	ug/Kg	64		6		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1200	ug/Kg	100		0		56	133	20
1-Methylnaphthalene	1200		970	ug/Kg	81		8		70	130	20



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

Surrogate Summary

SW-846

SDG No.: BG041524

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2091-01DL	OR-02-041124DL	BG060906.D	2-Fluorophenol	150	82.91	55		18	112
			Phenol-d6	150	69.14	46		15	107
			Nitrobenzene-d5	100	68.39	68		18	107
			2-Fluorobiphenyl	100	52.13	52		20	109
			2,4,6-Tribromophenol	150	99.66	66		10	110
			Terphenyl-d14	100	56.73	57		14	112
PB160200BL	PB160200BL	BG060900.D	2-Fluorophenol	150	123.27	82		18	112
			Phenol-d6	150	113.10	75		15	107
			Nitrobenzene-d5	100	94.83	95		18	107
			2-Fluorobiphenyl	100	74.83	75		20	109
			2,4,6-Tribromophenol	150	159.12	106		10	110
			Terphenyl-d14	100	74.51	75		14	112

Surrogate Summary

SW-846

SDG No.: **BG041524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2108-03	286	BG060907.D	2-Fluorophenol	150	72.64	48		18	112
			Phenol-d6	150	62.25	42		15	107
			Nitrobenzene-d5	100	64.07	64		18	107
			2-Fluorobiphenyl	100	63.74	64		20	109
			2,4,6-Tribromophenol	150	83.60	56		10	110
			Terphenyl-d14	100	41.59	42		14	112
P2111-01	BASEMENT-WEL/BG060902.D		2-Fluorophenol	150	85.36	57		18	112
			Phenol-d6	150	76.16	51		15	107
			Nitrobenzene-d5	100	63.11	63		18	107
			2-Fluorobiphenyl	100	53.24	53		20	109
			2,4,6-Tribromophenol	150	115.21	77		10	110
			Terphenyl-d14	100	57.42	57		14	112
P2114-01	NB-08-041224	BG060903.D	2-Fluorophenol	150	126.13	84		18	112
			Phenol-d6	150	109.34	73		15	107
			Nitrobenzene-d5	100	90.08	90		18	107
			2-Fluorobiphenyl	100	67.08	67		20	109
			2,4,6-Tribromophenol	150	155.68	104		10	110
			Terphenyl-d14	100	62.87	63		14	112
P2114-01MS	NB-08-041224MS	BG060904.D	2-Fluorophenol	150	105.57	70		18	112
			Phenol-d6	150	92.35	62		15	107
			Nitrobenzene-d5	100	84.93	85		18	107
			2-Fluorobiphenyl	100	62.58	63		20	109
			2,4,6-Tribromophenol	150	140.57	94		10	110
			Terphenyl-d14	100	60.99	61		14	112
P2114-01MSD	NB-08-041224MSL	BG060905.D	2-Fluorophenol	150	113.03	75		18	112
			Phenol-d6	150	97.59	65		15	107
			Nitrobenzene-d5	100	91.51	92		18	107
			2-Fluorobiphenyl	100	66.59	67		20	109
			2,4,6-Tribromophenol	150	151.12	101		10	110
			Terphenyl-d14	100	64.62	65		14	112
PB160246BL	PB160246BL	BG060901.D	2-Fluorophenol	150	130.82	87		18	112
			Phenol-d6	150	113.50	76		15	107
			Nitrobenzene-d5	100	91.78	92		18	107
			2-Fluorobiphenyl	100	74.79	75		20	109
			2,4,6-Tribromophenol	150	160.01	107		10	110
			Terphenyl-d14	100	73.99	74		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG041524

Lab Code: CHEM

SAS No.: BG041524

SDG NO.: BG041524

Lab File ID: BG060898.D

DFTPP Injection Date: 04/15/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.9
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	32.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	40.2
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	31.7
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	98.6
443	15.0 - 24.0% of mass 442	19.6 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BG060899.D	04/15/2024	11:38
PB160200BL	PB160200BL	BG060900.D	04/15/2024	12:19
PB160246BL	PB160246BL	BG060901.D	04/15/2024	14:28
BASEMENT-WELL	P2111-01	BG060902.D	04/15/2024	15:38
NB-08-041224	P2114-01	BG060903.D	04/15/2024	16:25
NB-08-041224MS	P2114-01MS	BG060904.D	04/15/2024	17:07
NB-08-041224MSD	P2114-01MSD	BG060905.D	04/15/2024	17:49
OR-02-041124DL	P2091-01DL	BG060906.D	04/15/2024	18:31
286	P2108-03	BG060907.D	04/15/2024	19:12