

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091824 SAS No.: BM091824 SDG No.: BM091824

Instrument ID: BNA_M Calibration Date/Time: 9/18/2024 1:09:08

Lab File ID: BM047553.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	0.727	0.849		16.781	
Pyridine	1.601	1.840		14.928	
2-Fluorophenol	1.256	1.336		6.369	
Benzaldehyde	0.841	0.870		3.448	
Aniline	1.568	1.622		3.444	
Phenol-d6	1.769	1.896		7.179	
Phenol	1.771	1.854		4.687	20.0
bis(2-Chloroethyl) ether	1.422	1.517		6.681	
2-Chlorophenol	1.385	1.435		3.61	
1,2-Dichlorobenzene	1.519	1.530		0.724	
1,3-Dichlorobenzene	1.516	1.513		-0.198	
1,4-Dichlorobenzene	1.544	1.546		0.13	20.0
Benzyl Alcohol	1.198	1.235		3.088	
2-Methylphenol	1.132	1.201		6.095	
2,2-oxybis(1-Chloropropane)	2.000	2.075		3.75	
Acetophenone	0.526	0.544		3.422	
3+4-Methylphenols	1.579	1.626		2.977	
n-Nitroso-di-n-propylamine	1.193	1.321	0.050	10.729	
Nitrobenzene-d5	0.400	0.427		6.75	
Hexachloroethane	0.617	0.660		6.969	
Nitrobenzene	0.411	0.430		4.623	
Isophorone	0.703	0.724		2.987	
2-Nitrophenol	0.140	0.141		0.714	20.0
2,4-Dimethylphenol	0.212	0.208		-1.887	
bis(2-Chloroethoxy) methane	0.441	0.461		4.535	
2,4-Dichlorophenol	0.269	0.265		-1.487	20.0
1,2,4-Trichlorobenzene	0.309	0.294		-4.854	
Benzoic acid	0.187	0.188		0.535	
Naphthalene	1.080	1.090		0.926	
4-Chloroaniline	0.391	0.391		0.0	
Hexachlorobutadiene	0.171	0.160		-6.433	20.0
Caprolactam	0.089	0.093		4.494	
4-Chloro-3-methylphenol	0.309	0.316		2.265	20.0
2-Methylnaphthalene	0.719	0.722		0.417	
Hexachlorocyclopentadiene	0.177	0.171	0.050	-3.39	
2,4,6-Trichlorophenol	0.339	0.337		-0.59	20.0
2-Fluorobiphenyl	1.452	1.550		6.749	
2,4,5-Trichlorophenol	0.383	0.385		0.522	
1,1-Biphenyl	1.556	1.617		3.92	

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Lab File ID: BM047553.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	1.208	1.245		3.063	
2-Nitroaniline	0.355	0.394		10.986	
Dimethylphthalate	1.363	1.383		1.467	
Acenaphthylene	1.744	1.809		3.727	
2,6-Dinitrotoluene	0.288	0.302		4.861	
3-Nitroaniline	0.320	0.349		9.062	
Acenaphthene	1.222	1.265		3.519	20.0
2,4-Dinitrophenol	0.125	0.118	0.050	-5.6	
4-Nitrophenol	0.263	0.286	0.050	8.745	
Dibenzofuran	1.717	1.746		1.689	
2,4-Dinitrotoluene	0.384	0.415		8.073	
Diethylphthalate	1.451	1.522		4.893	
4-Chlorophenyl-phenylether	0.707	0.750		6.082	
Fluorene	1.546	1.707		10.414	
4-Nitroaniline	0.376	0.437		16.223	
4,6-Dinitro-2-methylphenol	0.091	0.087		-4.396	
n-Nitrosodiphenylamine	0.612	0.614		0.327	20.0
Azobenzene	1.597	1.849		15.78	
2,4,6-Tribromophenol	0.193	0.188		-2.591	
4-Bromophenyl-phenylether	0.194	0.184		-5.155	
Hexachlorobenzene	0.220	0.210		-4.545	
Atrazine	0.169	0.153		-9.467	
Pentachlorophenol	0.128	0.130		1.563	20.0
Phenanthrene	1.102	1.127		2.269	
Anthracene	1.059	1.091		3.022	
Carbazole	1.049	1.109		5.72	
Di-n-butylphthalate	1.256	1.412		12.42	
Fluoranthene	1.203	1.282		6.567	20.0
Benzidine	0.282	0.451		59.929	
Pyrene	1.459	1.463		0.274	
Terphenyl-d14	1.116	1.327		18.907	
Butylbenzylphthalate	0.562	0.599		6.584	
3,3-Dichlorobenzidine	0.347	0.409		17.867	
Benzo(a)anthracene	1.304	1.360		4.294	
Chrysene	1.233	1.300		5.434	
Bis(2-ethylhexyl)phthalate	0.880	1.056		20.0	
Di-n-octyl phthalate	1.244	1.477		18.73	20.0
Benzo(b)fluoranthene	1.294	1.378		6.491	
Benzo(k)fluoranthene	1.282	1.370		6.864	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091824 SAS No.: BM091824 SDG No.: BM091824

Instrument ID: BNA_M Calibration Date/Time: 9/18/2024 1:09:08

Lab File ID: BM047553.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	1.061	1.110		4.618	20.0
Indeno(1,2,3-cd)pyrene	1.197	1.230		2.757	
Dibenzo(a,h)anthracene	1.007	1.036		2.88	
Benzo(g,h,i)perylene	0.984	0.991		0.711	
1,2,4,5-Tetrachlorobenzene	0.541	0.527		-2.588	
1,4-Dioxane	0.538	0.648		20.446	20.0
2,3,4,6-Tetrachlorophenol	0.299	0.291		-2.676	
1-Methylnaphthalene	0.714	0.723		1.261	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BM091824
Lab Sample ID:	PB163138BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	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
BM047554.D	1	9/4/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.8	U	86.8	270	330	ug/Kg
110-86-1	Pyridine	79.9	U	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.9	U	96.9	130	170	ug/Kg
108-95-2	Phenol	82.9	U	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.7	U	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.5	U	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.6	U	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	86	U	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.5	U	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	83	U	83	270	330	ug/Kg
95-48-7	2-Methylphenol	80.6	U	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.9	U	90.9	130	170	ug/Kg
98-86-2	Acetophenone	86.9	U	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.8	U	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	83	U	83	130	170	ug/Kg
98-95-3	Nitrobenzene	90.8	U	90.8	130	170	ug/Kg
78-59-1	Isophorone	84.6	U	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.5	U	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.8	U	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.5	U	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.4	U	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.6	U	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.6	U	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.3	U	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BM091824
Lab Sample ID:	PB163138BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047554.D	1	9/4/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	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	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	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	84.4	U	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	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	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BM091824
Lab Sample ID:	PB163138BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047554.D	1	9/4/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	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	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	139.516		18-112		93	SPK: -150
13127-88-3	Phenol-d6	124.798		15-107		83	SPK: -150
4165-60-0	Nitrobenzene-d5	83.945		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	83.789		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	PB163138BL	SDG No.:	BM091824
Lab Sample ID:	PB163138BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047554.D	1	9/4/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.531		10-116		74	SPK: -150
1718-51-0	Terphenyl-d14	122.778	*	10-105		123	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	373609	7.845				
1146-65-2	Naphthalene-d8	1501187	10.639				
15067-26-2	Acenaphthene-d10	800066	14.474				
1517-22-2	Phenanthrene-d10	1504970	17.209				
1719-03-5	Chrysene-d12	983634	21.433				
1520-96-3	Perylene-d12	879222	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			4.957	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-04	SDG No.:	BM091824
Lab Sample ID:	P4087-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.05	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
BM047555.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.8	U	60.8	190	230	ug/Kg
110-86-1	Pyridine	55.9	U	55.9	91	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.9	U	67.9	91	120	ug/Kg
108-95-2	Phenol	58	U	58	91	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.6	U	58.6	91	120	ug/Kg
95-57-8	2-Chlorophenol	58.5	U	58.5	91	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.2	U	59.2	91	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.2	U	60.2	91	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.6	U	60.6	91	120	ug/Kg
100-51-6	Benzyl Alcohol	58.1	U	58.1	190	230	ug/Kg
95-48-7	2-Methylphenol	56.4	U	56.4	91	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.7	U	63.7	91	120	ug/Kg
98-86-2	Acetophenone	60.9	U	60.9	91	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.9	U	55.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.2	U	28.2	56	56	ug/Kg
67-72-1	Hexachloroethane	58.1	U	58.1	91	120	ug/Kg
98-95-3	Nitrobenzene	63.6	U	63.6	91	120	ug/Kg
78-59-1	Isophorone	59.2	U	59.2	91	120	ug/Kg
88-75-5	2-Nitrophenol	66.2	U	66.2	91	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.3	U	65.3	91	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.1	U	60.1	91	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.9	U	52.9	91	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.8	U	59.8	91	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.8	U	57.8	91	120	ug/Kg
106-47-8	4-Chloroaniline	57.8	U	57.8	91	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.3	U	58.3	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-04	SDG No.:	BM091824
Lab Sample ID:	P4087-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.05	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
BM047555.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.8	U	60.8	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.3	U	54.3	91	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.8	U	57.8	91	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	91	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.8	U	51.8	91	120	ug/Kg
92-52-4	1,1-Biphenyl	61.2	U	61.2	91	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.3	U	58.3	91	120	ug/Kg
88-74-4	2-Nitroaniline	66.5	U	66.5	91	120	ug/Kg
131-11-3	Dimethylphthalate	57.2	U	57.2	91	120	ug/Kg
208-96-8	Acenaphthylene	60.6	U	60.6	91	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.3	U	58.3	91	120	ug/Kg
99-09-2	3-Nitroaniline	62.5	U	62.5	91	120	ug/Kg
83-32-9	Acenaphthene	56.8	U	56.8	91	120	ug/Kg
Total PAH	Total PAH	927.9	U	927.9	91	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.2	U	81.2	190	230	ug/Kg
132-64-9	Dibenzofuran	59.1	U	59.1	91	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.7	U	118.7	91	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.4	U	60.4	91	120	ug/Kg
84-66-2	Diethylphthalate	56.1	U	56.1	91	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.9	U	59.9	91	120	ug/Kg
86-73-7	Fluorene	59.9	U	59.9	91	120	ug/Kg
100-01-6	4-Nitroaniline	74.9	U	74.9	91	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.9	U	81.9	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.1	U	57.1	91	120	ug/Kg
103-33-3	Azobenzene	55.7	U	55.7	91	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.2	U	55.2	91	120	ug/Kg
118-74-1	Hexachlorobenzene	59.5	U	59.5	91	120	ug/Kg
1912-24-9	Atrazine	64	U	64	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-04	SDG No.:	BM091824
Lab Sample ID:	P4087-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BM047555.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.1	U	54.1	190	230	ug/Kg
85-01-8	Phenanthrene	58.8	U	58.8	91	120	ug/Kg
120-12-7	Anthracene	59.1	U	59.1	91	120	ug/Kg
86-74-8	Carbazole	56.2	U	56.2	91	120	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	59	91	120	ug/Kg
206-44-0	Fluoranthene	57.2	U	57.2	91	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	58.1	U	58.1	91	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.8	U	67.8	91	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.5	U	56.5	91	120	ug/Kg
218-01-9	Chrysene	55.7	U	55.7	91	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.7	U	63.7	91	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77	U	77	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.8	U	56.8	91	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.8	U	57.8	91	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.1	U	65.1	91	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.7	U	54.7	91	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.9	U	56.9	91	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56.1	U	56.1	91	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.8	U	60.8	91	120	ug/Kg
123-91-1	1,4-Dioxane	77	U	77	91	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.3	U	52.3	91	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.3	U	58.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.229		18-112		69	SPK: -150
13127-88-3	Phenol-d6	93.272		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	66.513		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	59.111		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-04	SDG No.:	BM091824
Lab Sample ID:	P4087-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BM047555.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.251		10-116		56	SPK: -150
1718-51-0	Terphenyl-d14	66.489		10-105		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	202265	7.845				
1146-65-2	Naphthalene-d8	768134	10.639				
15067-26-2	Acenaphthene-d10	373343	14.474				
1517-22-2	Phenanthrene-d10	732053	17.209				
1719-03-5	Chrysene-d12	641831	21.433				
1520-96-3	Perylene-d12	722111	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			4.951	
000119-61-9	Benzophenone	61.2	J			15.827	
000057-10-3	n-Hexadecanoic acid	260	J			18.109	
000057-11-4	Octadecanoic acid	82.4	J			19.38	
002004-39-9	1-Heptacosanol	95	J			21.121	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-02	SDG No.:	BM091824
Lab Sample ID:	P4087-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BM047556.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.7	U	60.7	190	230	ug/Kg
110-86-1	Pyridine	55.9	U	55.9	91	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.8	U	67.8	91	120	ug/Kg
108-95-2	Phenol	58	U	58	91	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.6	U	58.6	91	120	ug/Kg
95-57-8	2-Chlorophenol	58.4	U	58.4	91	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.2	U	59.2	91	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.2	U	60.2	91	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.5	U	60.5	91	120	ug/Kg
100-51-6	Benzyl Alcohol	58.1	U	58.1	190	230	ug/Kg
95-48-7	2-Methylphenol	56.4	U	56.4	91	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.6	U	63.6	91	120	ug/Kg
98-86-2	Acetophenone	60.8	U	60.8	91	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.8	U	55.8	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.2	U	28.2	56	56	ug/Kg
67-72-1	Hexachloroethane	58.1	U	58.1	91	120	ug/Kg
98-95-3	Nitrobenzene	63.5	U	63.5	91	120	ug/Kg
78-59-1	Isophorone	59.2	U	59.2	91	120	ug/Kg
88-75-5	2-Nitrophenol	66.1	U	66.1	91	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.2	U	65.2	91	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	60	91	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.8	U	52.8	91	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.8	U	59.8	91	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.8	U	57.8	91	120	ug/Kg
106-47-8	4-Chloroaniline	57.8	U	57.8	91	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.3	U	58.3	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-02	SDG No.:	BM091824
Lab Sample ID:	P4087-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BM047556.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.7	U	60.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.2	U	54.2	91	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.7	U	57.7	91	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	91	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.8	U	51.8	91	120	ug/Kg
92-52-4	1,1-Biphenyl	61.2	U	61.2	91	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.3	U	58.3	91	120	ug/Kg
88-74-4	2-Nitroaniline	66.5	U	66.5	91	120	ug/Kg
131-11-3	Dimethylphthalate	57.2	U	57.2	91	120	ug/Kg
208-96-8	Acenaphthylene	60.5	U	60.5	91	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.2	U	58.2	91	120	ug/Kg
99-09-2	3-Nitroaniline	62.4	U	62.4	91	120	ug/Kg
83-32-9	Acenaphthene	56.8	U	56.8	91	120	ug/Kg
Total PAH	Total PAH	927.5	U	927.5	91	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.2	U	81.2	190	230	ug/Kg
132-64-9	Dibenzofuran	59.1	U	59.1	91	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.5	U	118.5	91	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.3	U	60.3	91	120	ug/Kg
84-66-2	Diethylphthalate	56.1	U	56.1	91	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.9	U	59.9	91	120	ug/Kg
86-73-7	Fluorene	59.8	U	59.8	91	120	ug/Kg
100-01-6	4-Nitroaniline	74.9	U	74.9	91	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.9	U	81.9	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.1	U	57.1	91	120	ug/Kg
103-33-3	Azobenzene	55.7	U	55.7	91	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.2	U	55.2	91	120	ug/Kg
118-74-1	Hexachlorobenzene	59.5	U	59.5	91	120	ug/Kg
1912-24-9	Atrazine	64	U	64	91	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-02	SDG No.:	BM091824
Lab Sample ID:	P4087-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BM047556.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.1	U	54.1	190	230	ug/Kg
85-01-8	Phenanthrene	58.8	U	58.8	91	120	ug/Kg
120-12-7	Anthracene	59.1	U	59.1	91	120	ug/Kg
86-74-8	Carbazole	56.2	U	56.2	91	120	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	59	91	120	ug/Kg
206-44-0	Fluoranthene	57.2	U	57.2	91	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	58.1	U	58.1	91	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.7	U	67.7	91	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.5	U	56.5	91	120	ug/Kg
218-01-9	Chrysene	55.6	U	55.6	91	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.7	U	63.7	91	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77	U	77	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.8	U	56.8	91	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.8	U	57.8	91	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.1	U	65.1	91	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.7	U	54.7	91	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.8	U	56.8	91	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56.1	U	56.1	91	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.7	U	60.7	91	120	ug/Kg
123-91-1	1,4-Dioxane	77	U	77	91	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.3	U	52.3	91	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.2	U	58.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.369		18-112		64	SPK: -150
13127-88-3	Phenol-d6	87.273		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	60.645		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	48.759		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-02	SDG No.:	BM091824
Lab Sample ID:	P4087-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BM047556.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.926		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	50.93		10-105		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220661	7.845				
1146-65-2	Naphthalene-d8	839796	10.639				
15067-26-2	Acenaphthene-d10	396783	14.474				
1517-22-2	Phenanthrene-d10	744199	17.209				
1719-03-5	Chrysene-d12	635989	21.433				
1520-96-3	Perylene-d12	695194	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			4.957	
000119-61-9	Benzophenone	51.6	J			15.827	
000057-10-3	n-Hexadecanoic acid	120	J			18.103	
018835-32-0	1-Tricosene	51.8	J			21.115	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BM091824
Lab Sample ID:	P4085-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.06	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
BM047557.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57	U	57	180	220	ug/Kg
110-86-1	Pyridine	52.4	U	52.4	85.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.6	U	63.6	85.3	110	ug/Kg
108-95-2	Phenol	54.4	U	54.4	85.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.9	U	54.9	85.3	110	ug/Kg
95-57-8	2-Chlorophenol	54.8	U	54.8	85.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.5	U	55.5	85.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.4	U	56.4	85.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.8	U	56.8	85.3	110	ug/Kg
100-51-6	Benzyl Alcohol	54.5	U	54.5	180	220	ug/Kg
95-48-7	2-Methylphenol	52.9	U	52.9	85.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.7	U	59.7	85.3	110	ug/Kg
98-86-2	Acetophenone	57	U	57	85.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.4	U	52.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.5	U	26.5	52.5	52.5	ug/Kg
67-72-1	Hexachloroethane	54.5	U	54.5	85.3	110	ug/Kg
98-95-3	Nitrobenzene	59.6	U	59.6	85.3	110	ug/Kg
78-59-1	Isophorone	55.5	U	55.5	85.3	110	ug/Kg
88-75-5	2-Nitrophenol	62	U	62	85.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.2	U	61.2	85.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.3	U	56.3	85.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.6	U	49.6	85.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.1	U	56.1	85.3	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.2	U	54.2	85.3	110	ug/Kg
106-47-8	4-Chloroaniline	54.2	U	54.2	85.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.7	U	54.7	85.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BM091824
Lab Sample ID:	P4085-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.06	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
BM047557.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57	U	57	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.9	U	50.9	85.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.2	U	54.2	85.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.9	U	46.9	85.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.6	U	48.6	85.3	110	ug/Kg
92-52-4	1,1-Biphenyl	57.4	U	57.4	85.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.7	U	54.7	85.3	110	ug/Kg
88-74-4	2-Nitroaniline	62.4	U	62.4	85.3	110	ug/Kg
131-11-3	Dimethylphthalate	53.6	U	53.6	85.3	110	ug/Kg
208-96-8	Acenaphthylene	56.8	U	56.8	85.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.6	U	54.6	85.3	110	ug/Kg
99-09-2	3-Nitroaniline	58.5	U	58.5	85.3	110	ug/Kg
83-32-9	Acenaphthene	53.2	U	53.2	85.3	110	ug/Kg
Total PAH	Total PAH	869.7	U	869.7	85.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.1	U	76.1	180	220	ug/Kg
132-64-9	Dibenzofuran	55.4	U	55.4	85.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	11.2	U	111.2	85.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.6	U	56.6	85.3	110	ug/Kg
84-66-2	Diethylphthalate	52.6	U	52.6	85.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.2	U	56.2	85.3	110	ug/Kg
86-73-7	Fluorene	56.1	U	56.1	85.3	110	ug/Kg
100-01-6	4-Nitroaniline	70.2	U	70.2	85.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.8	U	76.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.6	U	53.6	85.3	110	ug/Kg
103-33-3	Azobenzene	52.2	U	52.2	85.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.8	U	51.8	85.3	110	ug/Kg
118-74-1	Hexachlorobenzene	55.8	U	55.8	85.3	110	ug/Kg
1912-24-9	Atrazine	60	U	60	85.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BM091824
Lab Sample ID:	P4085-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.06	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
BM047557.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.7	U	50.7	180	220	ug/Kg
85-01-8	Phenanthrene	55.1	U	55.1	85.3	110	ug/Kg
120-12-7	Anthracene	55.4	U	55.4	85.3	110	ug/Kg
86-74-8	Carbazole	52.7	U	52.7	85.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.3	U	55.3	85.3	110	ug/Kg
206-44-0	Fluoranthene	53.6	U	53.6	85.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.5	U	54.5	85.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.5	U	63.5	85.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.7	U	64.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53	U	53	85.3	110	ug/Kg
218-01-9	Chrysene	52.2	U	52.2	85.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.7	U	59.7	85.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.2	U	72.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.2	U	53.2	85.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.2	U	54.2	85.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	61	U	61	85.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.3	U	51.3	85.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.3	U	53.3	85.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.6	U	52.6	85.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	85.3	110	ug/Kg
123-91-1	1,4-Dioxane	72.2	U	72.2	85.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	85.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.6	U	54.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	112.708		18-112		75	SPK: -150
13127-88-3	Phenol-d6	98.752		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	68.909		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	55.674		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BM091824
Lab Sample ID:	P4085-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.06	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
BM047557.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	88.32		10-116		59	SPK: -150
1718-51-0	Terphenyl-d14	63.734		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	205182	7.845				
1146-65-2	Naphthalene-d8	787068	10.639				
15067-26-2	Acenaphthene-d10	422633	14.474				
1517-22-2	Phenanthrene-d10	840225	17.209				
1719-03-5	Chrysene-d12	738229	21.433				
1520-96-3	Perylene-d12	872296	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			4.951	
017301-28-9	Undecane, 3,6-dimethyl-	60.6	J			10.816	
061142-20-9	Cyclohexane, (4-methylpentyl)-	65.4	J			11.351	
002051-30-1	Octane, 2,6-dimethyl-	110	J			11.681	
074645-98-0	Dodecane, 2,7,10-trimethyl-	95.4	J			13.027	
	unknown13.910	100	J			13.91	
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	180	J			13.974	
	unknown14.027	44.9	J			14.027	
	unknown14.227	53.6	J			14.227	
	unknown14.316	120	J			14.316	
	unknown14.392	49.2	J			14.392	
	unknown15.010	83.1	J			15.01	
070412-52-1	2,11-Dioxabicyclo[4.4.1]undeca-3,5	48.8	J			15.274	
017312-53-7	Decane, 3,6-dimethyl-	160	J			15.745	
000119-61-9	Benzophenone	140	J			15.827	
031295-56-4	Dodecane, 2,6,11-trimethyl-	430	J			16.221	
000629-50-5	Tridecane	180	J			17.039	
000057-10-3	n-Hexadecanoic acid	110	J			18.104	
002004-39-9	1-Heptacosanol	63.5	J			21.115	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BM091824
Lab Sample ID:	P4085-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.06	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
BM047557.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BM091824
Lab Sample ID:	P4085-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	50.05	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
BM047558.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.7	U	57.7	180	220	ug/Kg
110-86-1	Pyridine	53.2	U	53.2	86.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.5	U	64.5	86.5	110	ug/Kg
108-95-2	Phenol	55.2	U	55.2	86.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.7	U	55.7	86.5	110	ug/Kg
95-57-8	2-Chlorophenol	55.5	U	55.5	86.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.3	U	56.3	86.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.2	U	57.2	86.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.5	U	57.5	86.5	110	ug/Kg
100-51-6	Benzyl Alcohol	55.2	U	55.2	180	220	ug/Kg
95-48-7	2-Methylphenol	53.6	U	53.6	86.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.5	U	60.5	86.5	110	ug/Kg
98-86-2	Acetophenone	57.8	U	57.8	86.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.1	U	53.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.8	U	26.8	53.2	53.2	ug/Kg
67-72-1	Hexachloroethane	55.2	U	55.2	86.5	110	ug/Kg
98-95-3	Nitrobenzene	60.4	U	60.4	86.5	110	ug/Kg
78-59-1	Isophorone	56.3	U	56.3	86.5	110	ug/Kg
88-75-5	2-Nitrophenol	62.9	U	62.9	86.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62	U	62	86.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.1	U	57.1	86.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.2	U	50.2	86.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.8	U	56.8	86.5	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55	U	55	86.5	110	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	86.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.4	U	55.4	86.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BM091824
Lab Sample ID:	P4085-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	50.05	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
BM047558.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.7	U	57.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.6	U	51.6	86.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.9	U	54.9	86.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.5	U	47.5	86.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.2	U	49.2	86.5	110	ug/Kg
92-52-4	1,1-Biphenyl	58.1	U	58.1	86.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.4	U	55.4	86.5	110	ug/Kg
88-74-4	2-Nitroaniline	63.2	U	63.2	86.5	110	ug/Kg
131-11-3	Dimethylphthalate	54.4	U	54.4	86.5	110	ug/Kg
208-96-8	Acenaphthylene	57.5	U	57.5	86.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.3	U	55.3	86.5	110	ug/Kg
99-09-2	3-Nitroaniline	59.3	U	59.3	86.5	110	ug/Kg
83-32-9	Acenaphthene	54	U	54	86.5	110	ug/Kg
Total PAH	Total PAH	881.8	U	881.8	86.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.2	U	77.2	180	220	ug/Kg
132-64-9	Dibenzofuran	56.1	U	56.1	86.5	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.3	U	57.3	86.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112.6	U	112.6	86.5	220	ug/Kg
84-66-2	Diethylphthalate	53.3	U	53.3	86.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.9	U	56.9	86.5	110	ug/Kg
86-73-7	Fluorene	56.9	U	56.9	86.5	110	ug/Kg
100-01-6	4-Nitroaniline	71.2	U	71.2	86.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.8	U	77.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.3	U	54.3	86.5	110	ug/Kg
103-33-3	Azobenzene	53	U	53	86.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.5	U	52.5	86.5	110	ug/Kg
118-74-1	Hexachlorobenzene	56.5	U	56.5	86.5	110	ug/Kg
1912-24-9	Atrazine	60.8	U	60.8	86.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BM091824
Lab Sample ID:	P4085-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	50.05	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
BM047558.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.4	U	51.4	180	220	ug/Kg
85-01-8	Phenanthrene	55.9	U	55.9	86.5	110	ug/Kg
120-12-7	Anthracene	56.1	U	56.1	86.5	110	ug/Kg
86-74-8	Carbazole	53.4	U	53.4	86.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.1	U	56.1	86.5	110	ug/Kg
206-44-0	Fluoranthene	54.4	U	54.4	86.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.2	U	55.2	86.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.4	U	64.4	86.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.6	U	65.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.7	U	53.7	86.5	110	ug/Kg
218-01-9	Chrysene	52.9	U	52.9	86.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.5	U	60.5	86.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.2	U	73.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	86.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	86.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.9	U	61.9	86.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	86.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54	U	54	86.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.3	U	53.3	86.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.7	U	57.7	86.5	110	ug/Kg
123-91-1	1,4-Dioxane	73.2	U	73.2	86.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.7	U	49.7	86.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.3	U	55.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	144.779		18-112		97	SPK: -150
13127-88-3	Phenol-d6	129.057		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	86.425		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	74.276		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BM091824
Lab Sample ID:	P4085-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	50.05	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
BM047558.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.57		10-116		80	SPK: -150
1718-51-0	Terphenyl-d14	89.968		10-105		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216850	7.851				
1146-65-2	Naphthalene-d8	871345	10.645				
15067-26-2	Acenaphthene-d10	477658	14.48				
1517-22-2	Phenanthrene-d10	926931	17.215				
1719-03-5	Chrysene-d12	778694	21.439				
1520-96-3	Perylene-d12	928222	24.462				
TENTATIVE IDENTIFIED COMPOUNDS							
019218-94-1	Tetradecane, 1-iodo-	230	J			13.98	
003045-76-9	Cyclododecanone, 2-methylene-	140	J			14.322	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	160	J			14.88	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	350	J			15.28	
000593-49-7	Heptacosane	260	J			15.745	
000119-61-9	Benzophenone	190	J			15.833	
000504-44-9	Hexadecane, 2,6,11,15-tetramethyl-	680	J			16.227	
013187-99-0	2-Bromo dodecane	310	J			17.045	
000057-10-3	n-Hexadecanoic acid	360	J			18.11	
000629-62-9	Pentadecane	210	J			18.815	
000629-94-7	Heneicosane	1100	J			19.709	
055045-08-4	Dodecane, 2-methyl-6-propyl-	2100	J			20.462	
000629-78-7	Heptadecane	2900	J			21.139	
000630-02-4	Octacosane	2400	J			21.868	
055333-99-8	Eicosane, 7-hexyl-	2200	J			22.692	
1000130-84-5	Z-8-Methyl-9-tetradecenoic acid	190	J			22.85	
1000406-32-4	Dotriacontane, 1-iodo-	1400	J			23.644	
054833-23-7	Eicosane, 10-methyl-	920	J			24.762	
000630-01-3	Hexacosane	530	J			26.074	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BM091824
Lab Sample ID:	P4085-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047558.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007098-22-8	Tetratetracontane	260	J			27.656	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2MS	SDG No.:	BM091824
Lab Sample ID:	P4085-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	50.03	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
BM047559.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		57.8	180	220	ug/Kg
110-86-1	Pyridine	980		53.2	86.5	110	ug/Kg
100-52-7	Benzaldehyde	360		120	180	220	ug/Kg
62-53-3	Aniline	1300		64.5	86.5	110	ug/Kg
108-95-2	Phenol	1200		55.2	86.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		55.7	86.5	110	ug/Kg
95-57-8	2-Chlorophenol	1200		55.6	86.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		56.3	86.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		57.2	86.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		57.6	86.5	110	ug/Kg
100-51-6	Benzyl Alcohol	1200		55.2	180	220	ug/Kg
95-48-7	2-Methylphenol	1200		53.6	86.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		60.5	86.5	110	ug/Kg
98-86-2	Acetophenone	1200		57.8	86.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	1200		53.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		26.8	53.2	53.2	ug/Kg
67-72-1	Hexachloroethane	1100		55.2	86.5	110	ug/Kg
98-95-3	Nitrobenzene	1200		60.4	86.5	110	ug/Kg
78-59-1	Isophorone	1200		56.3	86.5	110	ug/Kg
88-75-5	2-Nitrophenol	1200		62.9	86.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		62	86.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		57.1	86.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		50.2	86.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		56.8	86.5	110	ug/Kg
65-85-0	Benzoic acid	1000		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		55	86.5	110	ug/Kg
106-47-8	4-Chloroaniline	850		55	86.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		55.4	86.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2MS	SDG No.:	BM091824
Lab Sample ID:	P4085-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	50.03	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
BM047559.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		57.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		51.6	86.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		54.9	86.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4600	E	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		47.5	86.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49.2	86.5	110	ug/Kg
92-52-4	1,1-Biphenyl	1300		58.2	86.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	1200		55.4	86.5	110	ug/Kg
88-74-4	2-Nitroaniline	1300		63.2	86.5	110	ug/Kg
131-11-3	Dimethylphthalate	1200		54.4	86.5	110	ug/Kg
208-96-8	Acenaphthylene	1300		57.6	86.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		55.4	86.5	110	ug/Kg
99-09-2	3-Nitroaniline	920		59.4	86.5	110	ug/Kg
83-32-9	Acenaphthene	1400		54	86.5	110	ug/Kg
Total PAH	Total PAH	21300		882	86.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2800	E	77.2	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		56.2	86.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2400		112.8	86.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		57.4	86.5	110	ug/Kg
84-66-2	Diethylphthalate	1200		53.3	86.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		57	86.5	110	ug/Kg
86-73-7	Fluorene	1200		56.9	86.5	110	ug/Kg
100-01-6	4-Nitroaniline	1200		71.2	86.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		77.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		54.3	86.5	110	ug/Kg
103-33-3	Azobenzene	1400		53	86.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		52.5	86.5	110	ug/Kg
118-74-1	Hexachlorobenzene	1200		56.6	86.5	110	ug/Kg
1912-24-9	Atrazine	1400		60.8	86.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2MS	SDG No.:	BM091824
Lab Sample ID:	P4085-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	50.03	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
BM047559.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2800	E	51.4	180	220	ug/Kg
85-01-8	Phenanthrene	1300		55.9	86.5	110	ug/Kg
120-12-7	Anthracene	1300		56.2	86.5	110	ug/Kg
86-74-8	Carbazole	1200		53.4	86.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	1300		56.1	86.5	110	ug/Kg
206-44-0	Fluoranthene	1200		54.4	86.5	110	ug/Kg
92-87-5	Benzidine	3600	E	110	180	220	ug/Kg
129-00-0	Pyrene	1300		55.2	86.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	1500		64.4	86.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		65.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1300		53.7	86.5	110	ug/Kg
218-01-9	Chrysene	1300		52.9	86.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		60.6	86.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		73.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		54	86.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		55	86.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	1400		61.9	86.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		52	86.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		54	86.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		53.3	86.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		57.8	86.5	110	ug/Kg
123-91-1	1,4-Dioxane	1000		73.2	86.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		49.7	86.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	1100		55.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	132.213		18-112		88	SPK: -150
13127-88-3	Phenol-d6	121.109		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	81.892		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	78.706		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2MS	SDG No.:	BM091824
Lab Sample ID:	P4085-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BM047559.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.352		10-116		78	SPK: -150
1718-51-0	Terphenyl-d14	87.492		10-105		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	291938	7.851				
1146-65-2	Naphthalene-d8	1154447	10.651				
15067-26-2	Acenaphthene-d10	571144	14.48				
1517-22-2	Phenanthrene-d10	986732	17.215				
1719-03-5	Chrysene-d12	777638	21.445				
1520-96-3	Perylene-d12	813227	24.474				

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2MSD	SDG No.:	BM091824
Lab Sample ID:	P4085-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	50.02	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
BM047560.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		57.8	180	220	ug/Kg
110-86-1	Pyridine	970		53.2	86.5	110	ug/Kg
100-52-7	Benzaldehyde	360		120	180	220	ug/Kg
62-53-3	Aniline	1300		64.5	86.5	110	ug/Kg
108-95-2	Phenol	1200		55.2	86.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		55.7	86.5	110	ug/Kg
95-57-8	2-Chlorophenol	1200		55.6	86.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		56.3	86.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		57.2	86.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		57.6	86.5	110	ug/Kg
100-51-6	Benzyl Alcohol	1200		55.2	180	220	ug/Kg
95-48-7	2-Methylphenol	1200		53.7	86.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		60.5	86.5	110	ug/Kg
98-86-2	Acetophenone	1200		57.8	86.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	1200		53.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		26.8	53.3	53.3	ug/Kg
67-72-1	Hexachloroethane	1100		55.2	86.5	110	ug/Kg
98-95-3	Nitrobenzene	1200		60.4	86.5	110	ug/Kg
78-59-1	Isophorone	1200		56.3	86.5	110	ug/Kg
88-75-5	2-Nitrophenol	1300		62.9	86.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		62	86.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		57.1	86.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		50.3	86.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		56.8	86.5	110	ug/Kg
65-85-0	Benzoic acid	1000		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		55	86.5	110	ug/Kg
106-47-8	4-Chloroaniline	820		55	86.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		55.4	86.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2MSD	SDG No.:	BM091824
Lab Sample ID:	P4085-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	50.02	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
BM047560.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		57.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		51.6	86.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		54.9	86.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4700	E	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		47.5	86.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49.3	86.5	110	ug/Kg
92-52-4	1,1-Biphenyl	1200		58.2	86.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	1200		55.4	86.5	110	ug/Kg
88-74-4	2-Nitroaniline	1300		63.2	86.5	110	ug/Kg
131-11-3	Dimethylphthalate	1200		54.4	86.5	110	ug/Kg
208-96-8	Acenaphthylene	1300		57.6	86.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		55.4	86.5	110	ug/Kg
99-09-2	3-Nitroaniline	880		59.4	86.5	110	ug/Kg
83-32-9	Acenaphthene	1300		54	86.5	110	ug/Kg
Total PAH	Total PAH	21200		882.1	86.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2600	E	77.2	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		56.2	86.5	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		57.4	86.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		112.8	86.5	220	ug/Kg
84-66-2	Diethylphthalate	1200		53.3	86.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		57	86.5	110	ug/Kg
86-73-7	Fluorene	1200		56.9	86.5	110	ug/Kg
100-01-6	4-Nitroaniline	1100		71.2	86.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		77.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		54.3	86.5	110	ug/Kg
103-33-3	Azobenzene	1300		53	86.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		52.5	86.5	110	ug/Kg
118-74-1	Hexachlorobenzene	1200		56.6	86.5	110	ug/Kg
1912-24-9	Atrazine	1400		60.8	86.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2MSD	SDG No.:	BM091824
Lab Sample ID:	P4085-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
Sample Wt/Vol:	50.02	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
BM047560.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2700	E	51.5	180	220	ug/Kg
85-01-8	Phenanthrene	1300		55.9	86.5	110	ug/Kg
120-12-7	Anthracene	1300		56.2	86.5	110	ug/Kg
86-74-8	Carbazole	1200		53.5	86.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	1300		56.1	86.5	110	ug/Kg
206-44-0	Fluoranthene	1100		54.4	86.5	110	ug/Kg
92-87-5	Benzidine	3700	E	110	180	220	ug/Kg
129-00-0	Pyrene	1400		55.2	86.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	1500		64.4	86.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		65.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1300		53.7	86.5	110	ug/Kg
218-01-9	Chrysene	1300		52.9	86.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		60.6	86.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		73.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		54	86.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		55	86.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	1400		61.9	86.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		52	86.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		54.1	86.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		53.3	86.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		57.8	86.5	110	ug/Kg
123-91-1	1,4-Dioxane	980		73.2	86.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		49.7	86.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	1100		55.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	132.383		18-112		88	SPK: -150
13127-88-3	Phenol-d6	121.271		15-107		81	SPK: -150
4165-60-0	Nitrobenzene-d5	81.874		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	78.488		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	COMP-2MSD	SDG No.:	BM091824
Lab Sample ID:	P4085-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.9
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
BM047560.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.984		10-116		75	SPK: -150
1718-51-0	Terphenyl-d14	90.188		10-105		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	333300	7.851				
1146-65-2	Naphthalene-d8	1322338	10.651				
15067-26-2	Acenaphthene-d10	648308	14.48				
1517-22-2	Phenanthrene-d10	1085640	17.215				
1719-03-5	Chrysene-d12	788877	21.445				
1520-96-3	Perylene-d12	792231	24.468				

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-07	SDG No.:	BM091824
Lab Sample ID:	P4088-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.2
Sample Wt/Vol:	50.09	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
BM047561.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56	U	56	170	210	ug/Kg
110-86-1	Pyridine	51.6	U	51.6	83.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.5	U	62.5	83.9	110	ug/Kg
108-95-2	Phenol	53.5	U	53.5	83.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54	U	54	83.9	110	ug/Kg
95-57-8	2-Chlorophenol	53.9	U	53.9	83.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.6	U	54.6	83.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.5	U	55.5	83.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.8	U	55.8	83.9	110	ug/Kg
100-51-6	Benzyl Alcohol	53.6	U	53.6	170	210	ug/Kg
95-48-7	2-Methylphenol	52	U	52	83.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.7	U	58.7	83.9	110	ug/Kg
98-86-2	Acetophenone	56.1	U	56.1	83.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.5	U	51.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26	U	26	51.6	51.6	ug/Kg
67-72-1	Hexachloroethane	53.6	U	53.6	83.9	110	ug/Kg
98-95-3	Nitrobenzene	58.6	U	58.6	83.9	110	ug/Kg
78-59-1	Isophorone	54.6	U	54.6	83.9	110	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.2	U	60.2	83.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.4	U	55.4	83.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.7	U	48.7	83.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.1	U	55.1	83.9	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53.3	U	53.3	83.9	110	ug/Kg
106-47-8	4-Chloroaniline	53.3	U	53.3	83.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.8	U	53.8	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-07	SDG No.:	BM091824
Lab Sample ID:	P4088-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.2
Sample Wt/Vol:	50.09 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
BM047561.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56	U	56	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	83.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.2	U	53.2	83.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.1	U	46.1	83.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.8	U	47.8	83.9	110	ug/Kg
92-52-4	1,1-Biphenyl	56.4	U	56.4	83.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.8	U	53.8	83.9	110	ug/Kg
88-74-4	2-Nitroaniline	61.3	U	61.3	83.9	110	ug/Kg
131-11-3	Dimethylphthalate	52.7	U	52.7	83.9	110	ug/Kg
208-96-8	Acenaphthylene	55.8	U	55.8	83.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.7	U	53.7	83.9	110	ug/Kg
99-09-2	3-Nitroaniline	57.6	U	57.6	83.9	110	ug/Kg
83-32-9	Acenaphthene	52.3	U	52.3	83.9	110	ug/Kg
Total PAH	Total PAH	855.1	U	855.1	83.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.9	U	74.9	170	210	ug/Kg
132-64-9	Dibenzofuran	54.5	U	54.5	83.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.3	U	109.3	83.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.6	U	55.6	83.9	110	ug/Kg
84-66-2	Diethylphthalate	51.7	U	51.7	83.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.2	U	55.2	83.9	110	ug/Kg
86-73-7	Fluorene	55.2	U	55.2	83.9	110	ug/Kg
100-01-6	4-Nitroaniline	69.1	U	69.1	83.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.5	U	75.5	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.7	U	52.7	83.9	110	ug/Kg
103-33-3	Azobenzene	51.4	U	51.4	83.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.9	U	50.9	83.9	110	ug/Kg
118-74-1	Hexachlorobenzene	54.9	U	54.9	83.9	110	ug/Kg
1912-24-9	Atrazine	59	U	59	83.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-07	SDG No.:	BM091824
Lab Sample ID:	P4088-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.2
Sample Wt/Vol:	50.09 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
BM047561.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.9	U	49.9	170	210	ug/Kg
85-01-8	Phenanthrene	54.2	U	54.2	83.9	110	ug/Kg
120-12-7	Anthracene	54.5	U	54.5	83.9	110	ug/Kg
86-74-8	Carbazole	51.8	U	51.8	83.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.4	U	54.4	83.9	110	ug/Kg
206-44-0	Fluoranthene	52.7	U	52.7	83.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	170	210	ug/Kg
129-00-0	Pyrene	53.6	U	53.6	83.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.5	U	62.5	83.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.6	U	63.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	52.1	U	52.1	83.9	110	ug/Kg
218-01-9	Chrysene	51.3	U	51.3	83.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.7	U	58.7	83.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71	U	71	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	52.3	U	52.3	83.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.3	U	53.3	83.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	60	83.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.4	U	50.4	83.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.4	U	52.4	83.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.7	U	51.7	83.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	83.9	110	ug/Kg
123-91-1	1,4-Dioxane	71	U	71	83.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.2	U	48.2	83.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.7	U	53.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.725		18-112		62	SPK: -150
13127-88-3	Phenol-d6	85.295		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	58.217		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	54.589		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-07	SDG No.:	BM091824
Lab Sample ID:	P4088-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.2
Sample Wt/Vol:	50.09 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
BM047561.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.554		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	59.011		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	261772	7.851				
1146-65-2	Naphthalene-d8	1029988	10.645				
15067-26-2	Acenaphthene-d10	513901	14.48				
1517-22-2	Phenanthrene-d10	935134	17.215				
1719-03-5	Chrysene-d12	744295	21.444				
1520-96-3	Perylene-d12	819285	24.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	95.5	A			4.963	
000119-61-9	Benzophenone	270	J			15.833	
000057-10-3	n-Hexadecanoic acid	51.6	J			18.109	
002004-39-9	1-Heptacosanol	67.1	J			21.121	
000506-51-4	n-Tetracosanol-1	48.6	J			22.244	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-08	SDG No.:	BM091824
Lab Sample ID:	P4088-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.04	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
BM047562.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.5	U	59.5	190	230	ug/Kg
110-86-1	Pyridine	54.8	U	54.8	89.2	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	190	230	ug/Kg
62-53-3	Aniline	66.5	U	66.5	89.2	120	ug/Kg
108-95-2	Phenol	56.9	U	56.9	89.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.4	U	57.4	89.2	120	ug/Kg
95-57-8	2-Chlorophenol	57.3	U	57.3	89.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58	U	58	89.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59	U	59	89.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.3	U	59.3	89.2	120	ug/Kg
100-51-6	Benzyl Alcohol	56.9	U	56.9	190	230	ug/Kg
95-48-7	2-Methylphenol	55.3	U	55.3	89.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.4	U	62.4	89.2	120	ug/Kg
98-86-2	Acetophenone	59.6	U	59.6	89.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.7	U	54.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.6	U	27.6	54.9	54.9	ug/Kg
67-72-1	Hexachloroethane	56.9	U	56.9	89.2	120	ug/Kg
98-95-3	Nitrobenzene	62.3	U	62.3	89.2	120	ug/Kg
78-59-1	Isophorone	58	U	58	89.2	120	ug/Kg
88-75-5	2-Nitrophenol	64.8	U	64.8	89.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.9	U	63.9	89.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.9	U	58.9	89.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.8	U	51.8	89.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.6	U	58.6	89.2	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	56.7	U	56.7	89.2	120	ug/Kg
106-47-8	4-Chloroaniline	56.7	U	56.7	89.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.1	U	57.1	89.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-08	SDG No.:	BM091824
Lab Sample ID:	P4088-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.04	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
BM047562.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.5	U	59.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.2	U	53.2	89.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.6	U	56.6	89.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	89.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.8	U	50.8	89.2	120	ug/Kg
92-52-4	1,1-Biphenyl	60	U	60	89.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.1	U	57.1	89.2	120	ug/Kg
88-74-4	2-Nitroaniline	65.2	U	65.2	89.2	120	ug/Kg
131-11-3	Dimethylphthalate	56	U	56	89.2	120	ug/Kg
208-96-8	Acenaphthylene	59.3	U	59.3	89.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.1	U	57.1	89.2	120	ug/Kg
99-09-2	3-Nitroaniline	61.2	U	61.2	89.2	120	ug/Kg
83-32-9	Acenaphthene	55.6	U	55.6	89.2	120	ug/Kg
Total PAH	Total PAH	908.8	U	908.8	89.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.6	U	79.6	190	230	ug/Kg
132-64-9	Dibenzofuran	57.9	U	57.9	89.2	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.1	U	59.1	89.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.2	U	116.2	89.2	240	ug/Kg
84-66-2	Diethylphthalate	54.9	U	54.9	89.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.7	U	58.7	89.2	120	ug/Kg
86-73-7	Fluorene	58.6	U	58.6	89.2	120	ug/Kg
100-01-6	4-Nitroaniline	73.4	U	73.4	89.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.3	U	80.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56	U	56	89.2	120	ug/Kg
103-33-3	Azobenzene	54.6	U	54.6	89.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.1	U	54.1	89.2	120	ug/Kg
118-74-1	Hexachlorobenzene	58.3	U	58.3	89.2	120	ug/Kg
1912-24-9	Atrazine	62.7	U	62.7	89.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-08	SDG No.:	BM091824
Lab Sample ID:	P4088-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BM047562.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53	U	53	190	230	ug/Kg
85-01-8	Phenanthrene	57.6	U	57.6	89.2	120	ug/Kg
120-12-7	Anthracene	57.9	U	57.9	89.2	120	ug/Kg
86-74-8	Carbazole	55.1	U	55.1	89.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.8	U	57.8	89.2	120	ug/Kg
206-44-0	Fluoranthene	56	U	56	89.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	56.9	U	56.9	89.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.4	U	66.4	89.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.6	U	67.6	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.4	U	55.4	89.2	120	ug/Kg
218-01-9	Chrysene	54.5	U	54.5	89.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.4	U	62.4	89.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.5	U	75.5	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.6	U	55.6	89.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.7	U	56.7	89.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.8	U	63.8	89.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.6	U	53.6	89.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.7	U	55.7	89.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.9	U	54.9	89.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.5	U	59.5	89.2	120	ug/Kg
123-91-1	1,4-Dioxane	75.5	U	75.5	89.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.2	U	51.2	89.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.1	U	57.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.05		18-112		59	SPK: -150
13127-88-3	Phenol-d6	85.354		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	57.164		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	53.777		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-08	SDG No.:	BM091824
Lab Sample ID:	P4088-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BM047562.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.885		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	56.218		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	232709	7.851				
1146-65-2	Naphthalene-d8	903255	10.645				
15067-26-2	Acenaphthene-d10	451602	14.48				
1517-22-2	Phenanthrene-d10	830876	17.215				
1719-03-5	Chrysene-d12	678507	21.439				
1520-96-3	Perylene-d12	749282	24.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			4.963	
000119-61-9	Benzophenone	260	J			15.833	

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-03	SDG No.:	BM091824
Lab Sample ID:	P4087-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
Sample Wt/Vol:	50.04	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
BM047563.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.9	U	60.9	190	230	ug/Kg
110-86-1	Pyridine	56	U	56	91.2	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.9	U	67.9	91.2	120	ug/Kg
108-95-2	Phenol	58.1	U	58.1	91.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.7	U	58.7	91.2	120	ug/Kg
95-57-8	2-Chlorophenol	58.5	U	58.5	91.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.3	U	59.3	91.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.3	U	60.3	91.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.7	U	60.7	91.2	120	ug/Kg
100-51-6	Benzyl Alcohol	58.2	U	58.2	190	230	ug/Kg
95-48-7	2-Methylphenol	56.5	U	56.5	91.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.7	U	63.7	91.2	120	ug/Kg
98-86-2	Acetophenone	60.9	U	60.9	91.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	56	U	56	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.3	U	28.3	56.1	56.1	ug/Kg
67-72-1	Hexachloroethane	58.2	U	58.2	91.2	120	ug/Kg
98-95-3	Nitrobenzene	63.7	U	63.7	91.2	120	ug/Kg
78-59-1	Isophorone	59.3	U	59.3	91.2	120	ug/Kg
88-75-5	2-Nitrophenol	66.3	U	66.3	91.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.4	U	65.4	91.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.2	U	60.2	91.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.9	U	52.9	91.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.9	U	59.9	91.2	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.9	U	57.9	91.2	120	ug/Kg
106-47-8	4-Chloroaniline	57.9	U	57.9	91.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.4	U	58.4	91.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-03	SDG No.:	BM091824
Lab Sample ID:	P4087-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
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
BM047563.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.9	U	60.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.3	U	54.3	91.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.8	U	57.8	91.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.1	U	50.1	91.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.9	U	51.9	91.2	120	ug/Kg
92-52-4	1,1-Biphenyl	61.3	U	61.3	91.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.4	U	58.4	91.2	120	ug/Kg
88-74-4	2-Nitroaniline	66.6	U	66.6	91.2	120	ug/Kg
131-11-3	Dimethylphthalate	57.3	U	57.3	91.2	120	ug/Kg
208-96-8	Acenaphthylene	60.7	U	60.7	91.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.3	U	58.3	91.2	120	ug/Kg
99-09-2	3-Nitroaniline	62.5	U	62.5	91.2	120	ug/Kg
83-32-9	Acenaphthene	56.9	U	56.9	91.2	120	ug/Kg
Total PAH	Total PAH	929.3	U	929.3	91.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.3	U	81.3	190	230	ug/Kg
132-64-9	Dibenzofuran	59.2	U	59.2	91.2	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.4	U	60.4	91.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.7	U	118.7	91.2	240	ug/Kg
84-66-2	Diethylphthalate	56.2	U	56.2	91.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	91.2	120	ug/Kg
86-73-7	Fluorene	60	U	60	91.2	120	ug/Kg
100-01-6	4-Nitroaniline	75	U	75	91.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82	U	82	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.2	U	57.2	91.2	120	ug/Kg
103-33-3	Azobenzene	55.8	U	55.8	91.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.3	U	55.3	91.2	120	ug/Kg
118-74-1	Hexachlorobenzene	59.6	U	59.6	91.2	120	ug/Kg
1912-24-9	Atrazine	64.1	U	64.1	91.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-03	SDG No.:	BM091824
Lab Sample ID:	P4087-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
Sample Wt/Vol:	50.04	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
BM047563.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.2	U	54.2	190	230	ug/Kg
85-01-8	Phenanthrene	58.9	U	58.9	91.2	120	ug/Kg
120-12-7	Anthracene	59.2	U	59.2	91.2	120	ug/Kg
86-74-8	Carbazole	56.3	U	56.3	91.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.1	U	59.1	91.2	120	ug/Kg
206-44-0	Fluoranthene	71.8	J	57.3	91.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	62.3	J	58.2	91.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.9	U	67.9	91.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69.1	U	69.1	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.6	U	56.6	91.2	120	ug/Kg
218-01-9	Chrysene	59.1	J	55.7	91.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.8	U	63.8	91.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77.1	U	77.1	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	68	J	56.9	91.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.9	U	57.9	91.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.2	U	65.2	91.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.8	U	54.8	91.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.9	U	56.9	91.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56.2	U	56.2	91.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.9	U	60.9	91.2	120	ug/Kg
123-91-1	1,4-Dioxane	77.1	U	77.1	91.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.4	U	52.4	91.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.3	U	58.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.92		18-112		65	SPK: -150
13127-88-3	Phenol-d6	93.642		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	63.188		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	60.935		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	9/16/2024 12:00:00 AM
Project:		Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	NB-614-COMP-03	SDG No.:	BM091824
Lab Sample ID:	P4087-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
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
BM047563.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.728		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	62.945		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216666	7.851				
1146-65-2	Naphthalene-d8	861746	10.645				
15067-26-2	Acenaphthene-d10	440254	14.48				
1517-22-2	Phenanthrene-d10	824165	17.215				
1719-03-5	Chrysene-d12	722182	21.439				
1520-96-3	Perylene-d12	802909	24.474				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	97.2	A			4.963	
000108-38-3	Benzene, 1,3-dimethyl-	68.7	J			5.498	
000119-61-9	Benzophenone	57.3	J			15.833	
000057-10-3	n-Hexadecanoic acid	120	J			18.109	
074339-54-1	Trichloroacetic acid, hexadecyl es	71.8	J			21.121	

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	365-351-294	SDG No.:	BM091824
Lab Sample ID:	P4089-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.1
Sample Wt/Vol:	50.07	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
BM047564.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	62	U	62	190	240	ug/Kg
110-86-1	Pyridine	57.1	U	57.1	92.8	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	240	ug/Kg
62-53-3	Aniline	69.2	U	69.2	92.8	120	ug/Kg
108-95-2	Phenol	59.2	U	59.2	92.8	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.8	U	59.8	92.8	120	ug/Kg
95-57-8	2-Chlorophenol	59.6	U	59.6	92.8	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	60.4	U	60.4	92.8	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.4	U	61.4	92.8	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	61.8	U	61.8	92.8	120	ug/Kg
100-51-6	Benzyl Alcohol	59.3	U	59.3	190	240	ug/Kg
95-48-7	2-Methylphenol	57.6	U	57.6	92.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64.9	U	64.9	92.8	120	ug/Kg
98-86-2	Acetophenone	62.1	U	62.1	92.8	120	ug/Kg
65794-96-9	3+4-Methylphenols	57	U	57	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.8	U	28.8	57.1	57.1	ug/Kg
67-72-1	Hexachloroethane	59.3	U	59.3	92.8	120	ug/Kg
98-95-3	Nitrobenzene	64.8	U	64.8	92.8	120	ug/Kg
78-59-1	Isophorone	60.4	U	60.4	92.8	120	ug/Kg
88-75-5	2-Nitrophenol	67.5	U	67.5	92.8	120	ug/Kg
105-67-9	2,4-Dimethylphenol	66.6	U	66.6	92.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	61.3	U	61.3	92.8	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.9	U	53.9	92.8	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	61	U	61	92.8	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	240	ug/Kg
91-20-3	Naphthalene	66.3	J	59	92.8	120	ug/Kg
106-47-8	4-Chloroaniline	59	U	59	92.8	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.5	U	59.5	92.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	365-351-294	SDG No.:	BM091824
Lab Sample ID:	P4089-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.1
Sample Wt/Vol:	50.07	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
BM047564.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	62	U	62	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.3	U	55.3	92.8	120	ug/Kg
91-57-6	2-Methylnaphthalene	58.9	U	58.9	92.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	92.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.8	U	52.8	92.8	120	ug/Kg
92-52-4	1,1-Biphenyl	62.4	U	62.4	92.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.5	U	59.5	92.8	120	ug/Kg
88-74-4	2-Nitroaniline	67.8	U	67.8	92.8	120	ug/Kg
131-11-3	Dimethylphthalate	58.3	U	58.3	92.8	120	ug/Kg
208-96-8	Acenaphthylene	61.8	U	61.8	92.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.4	U	59.4	92.8	120	ug/Kg
99-09-2	3-Nitroaniline	63.7	U	63.7	92.8	120	ug/Kg
83-32-9	Acenaphthene	57.9	U	57.9	92.8	120	ug/Kg
Total PAH	Total PAH	946.4	U	946.4	92.8	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	240	ug/Kg
100-02-7	4-Nitrophenol	82.8	U	82.8	190	240	ug/Kg
132-64-9	Dibenzofuran	60.3	U	60.3	92.8	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	21	U	121	92.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.6	U	61.6	92.8	120	ug/Kg
84-66-2	Diethylphthalate	57.2	U	57.2	92.8	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.1	U	61.1	92.8	120	ug/Kg
86-73-7	Fluorene	61.1	U	61.1	92.8	120	ug/Kg
100-01-6	4-Nitroaniline	76.4	U	76.4	92.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83.6	U	83.6	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58.3	U	58.3	92.8	120	ug/Kg
103-33-3	Azobenzene	56.8	U	56.8	92.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56.3	U	56.3	92.8	120	ug/Kg
118-74-1	Hexachlorobenzene	60.7	U	60.7	92.8	120	ug/Kg
1912-24-9	Atrazine	65.3	U	65.3	92.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	365-351-294	SDG No.:	BM091824
Lab Sample ID:	P4089-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.1
Sample Wt/Vol:	50.07	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
BM047564.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	55.2	U	55.2	190	240	ug/Kg
85-01-8	Phenanthrene	60	U	60	92.8	120	ug/Kg
120-12-7	Anthracene	60.3	U	60.3	92.8	120	ug/Kg
86-74-8	Carbazole	57.3	U	57.3	92.8	120	ug/Kg
84-74-2	Di-n-butylphthalate	60.2	U	60.2	92.8	120	ug/Kg
206-44-0	Fluoranthene	58.3	U	58.3	92.8	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	240	ug/Kg
129-00-0	Pyrene	59.3	U	59.3	92.8	120	ug/Kg
85-68-7	Butylbenzylphthalate	69.1	U	69.1	92.8	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70.4	U	70.4	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	57.6	U	57.6	92.8	120	ug/Kg
218-01-9	Chrysene	56.8	U	56.8	92.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65	U	65	92.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	78.6	U	78.6	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	57.9	U	57.9	92.8	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	59	U	59	92.8	120	ug/Kg
50-32-8	Benzo(a)pyrene	66.4	U	66.4	92.8	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55.8	U	55.8	92.8	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	92.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57.2	U	57.2	92.8	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	92.8	120	ug/Kg
123-91-1	1,4-Dioxane	78.6	U	78.6	92.8	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53.3	U	53.3	92.8	120	ug/Kg
90-12-0	1-Methylnaphthalene	59.4	U	59.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.597		18-112		64	SPK: -150
13127-88-3	Phenol-d6	89.403		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	58.564		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	55.169		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	9/17/2024 12:00:00 AM
Project:		Date Received:	9/17/2024 12:00:00 AM
Client Sample ID:	365-351-294	SDG No.:	BM091824
Lab Sample ID:	P4089-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.1
Sample Wt/Vol:	50.07	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
BM047564.D	1	9/18/2024 12:00:00 AM	9/18/2024 12:00:00 AM	PB163486

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.336		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	58.663		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	259466	7.851				
1146-65-2	Naphthalene-d8	1060815	10.645				
15067-26-2	Acenaphthene-d10	571560	14.48				
1517-22-2	Phenanthrene-d10	1206870	17.215				
1719-03-5	Chrysene-d12	1147145	21.451				
1520-96-3	Perylene-d12	1205120	24.48				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	84.5	A			4.963	
000563-16-6	Hexane, 3,3-dimethyl-	48.1	J			9.51	
1000158-89-1	Decalin, syn-1-methyl-, cis-	50.5	J			9.839	
017301-23-4	Undecane, 2,6-dimethyl-	110	J			10.822	
	unknown11.357	91.2	J			11.357	
031295-56-4	Dodecane, 2,6,11-trimethyl-	110	J			11.692	
002443-46-1	Bicyclo[4.4.1]undeca-1,3,5,7,9-pen	70.2	J			12.304	
074645-98-0	Dodecane, 2,7,10-trimethyl-	54.5	J			13.039	
	unknown13.916	48.1	J			13.916	
000134-62-3	Diethyltoluamide	170	J			15.222	
000119-61-9	Benzophenone	250	J			15.833	

Hit Summary Sheet SW-846

SDG No.: BM091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-1								
P4085-01	COMP-1	Solid	1-Heptacosanol	*	63.500	J		
P4085-01	COMP-1	Solid	2,11-Dioxabicyclo[4.4.1]undeca-3	*	48.800	J		
P4085-01	COMP-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P4085-01	COMP-1	Solid	3-Ethyl-2,6,10-trimethylundecane	*	180.000	J		
P4085-01	COMP-1	Solid	Benzophenone	*	140.000	J		
P4085-01	COMP-1	Solid	Cyclohexane, (4-methylpentyl)-	*	65.400	J		
P4085-01	COMP-1	Solid	Decane, 3,6-dimethyl-	*	160.000	J		
P4085-01	COMP-1	Solid	Dodecane, 2,6,11-trimethyl-	*	430.000	J		
P4085-01	COMP-1	Solid	Dodecane, 2,7,10-trimethyl-	*	95.400	J		
P4085-01	COMP-1	Solid	n-Hexadecanoic acid	*	110.000	J		
P4085-01	COMP-1	Solid	Octane, 2,6-dimethyl-	*	110.000	J		
P4085-01	COMP-1	Solid	Tridecane	*	180.000	J		
P4085-01	COMP-1	Solid	Undecane, 3,6-dimethyl-	*	60.600	J		
P4085-01	COMP-1	Solid	unknown13.910	*	100.000	J		
P4085-01	COMP-1	Solid	unknown14.027	*	44.900	J		
P4085-01	COMP-1	Solid	unknown14.227	*	53.600	J		
P4085-01	COMP-1	Solid	unknown14.316	*	120.000	J		
P4085-01	COMP-1	Solid	unknown14.392	*	49.200	J		
P4085-01	COMP-1	Solid	unknown15.010	*	83.100	J		
Total Tics :					2,234.50			
Total Concentration:					2,234.50			
Client ID : COMP-2								
P4085-03	COMP-2	Solid	2-Bromo dodecane	*	310.000	J		
P4085-03	COMP-2	Solid	Benzophenone	*	190.000	J		
P4085-03	COMP-2	Solid	Cyclododecanone, 2-methylene-	*	140.000	J		
P4085-03	COMP-2	Solid	Dodecane, 2-methyl-6-propyl-	*	2,100.000	J		
P4085-03	COMP-2	Solid	Dotriacontane, 1-iodo-	*	1,400.000	J		
P4085-03	COMP-2	Solid	Eicosane, 10-methyl-	*	920.000	J		
P4085-03	COMP-2	Solid	Eicosane, 7-hexyl-	*	2,200.000	J		
P4085-03	COMP-2	Solid	Heneicosane	*	1,100.000	J		
P4085-03	COMP-2	Solid	Heptacosane	*	260.000	J		
P4085-03	COMP-2	Solid	Heptadecane	*	2,900.000	J		
P4085-03	COMP-2	Solid	Hexacosane	*	530.000	J		
P4085-03	COMP-2	Solid	Hexadecane, 2,6,11,15-tetramethy	*	680.000	J		
P4085-03	COMP-2	Solid	n-Hexadecanoic acid	*	360.000	J		
P4085-03	COMP-2	Solid	Naphthalene, 1,4,5-trimethyl-	*	350.000	J		
P4085-03	COMP-2	Solid	Naphthalene, 1,4,6-trimethyl-	*	160.000	J		

Hit Summary Sheet SW-846

SDG No.: BM091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4085-03	COMP-2	Solid	Octacosane	*	2,400.000	J		
P4085-03	COMP-2	Solid	Pentadecane	*	210.000	J		
P4085-03	COMP-2	Solid	Tetradecane, 1-iodo-	*	230.000	J		
P4085-03	COMP-2	Solid	Tetratetracontane	*	260.000	J		
P4085-03	COMP-2	Solid	Z-8-Methyl-9-tetradecenoic acid	*	190.000	J		
Total Tics :					16,890.00			
Total Concentration:					16,890.00			
Client ID : NB-614-COMP-02								
P4087-07	NB-614-COMP-02	Solid	1-Tricosene	*	51.800	J		
P4087-07	NB-614-COMP-02	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P4087-07	NB-614-COMP-02	Solid	Benzophenone	*	51.600	J		
P4087-07	NB-614-COMP-02	Solid	n-Hexadecanoic acid	*	120.000	J		
Total Tics :					343.40			
Total Concentration:					343.40			
Client ID : NB-614-COMP-03								
P4087-13	NB-614-COMP-03	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	97.200	A		
P4087-13	NB-614-COMP-03	Solid	Benzene, 1,3-dimethyl-	*	68.700	J		
P4087-13	NB-614-COMP-03	Solid	Benzophenone	*	57.300	J		
P4087-13	NB-614-COMP-03	Solid	n-Hexadecanoic acid	*	120.000	J		
P4087-13	NB-614-COMP-03	Solid	Trichloroacetic acid, hexadecyl es	*	71.800	J		
Total Tics :					415.00			
P4087-13	NB-614-COMP-03	Solid	Benzo(b)fluoranthene		68.000	J	56.9	120 ug/Kg
P4087-13	NB-614-COMP-03	Solid	Chrysene		59.100	J	55.7	120 ug/Kg
P4087-13	NB-614-COMP-03	Solid	Fluoranthene		71.800	J	57.3	120 ug/Kg
P4087-13	NB-614-COMP-03	Solid	Pyrene		62.300	J	58.2	120 ug/Kg
Total Svoc :					261.20			
Total Concentration:					676.20			
Client ID : NB-614-COMP-04								
P4087-19	NB-614-COMP-04	Solid	1-Heptacosanol	*	95.000	J		
P4087-19	NB-614-COMP-04	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P4087-19	NB-614-COMP-04	Solid	Benzophenone	*	61.200	J		
P4087-19	NB-614-COMP-04	Solid	n-Hexadecanoic acid	*	260.000	J		
P4087-19	NB-614-COMP-04	Solid	Octadecanoic acid	*	82.400	J		
Total Tics :					618.60			
Total Concentration:					618.60			
Client ID : NB-614-COMP-07								
P4088-01	NB-614-COMP-07	Solid	1-Heptacosanol	*	67.100	J		
P4088-01	NB-614-COMP-07	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	95.500	A		
P4088-01	NB-614-COMP-07	Solid	Benzophenone	*	270.000	J		

Hit Summary Sheet SW-846

SDG No.: BM091824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4088-01	NB-614-COMP-07	Solid	n-Hexadecanoic acid	*	51.600	J		
P4088-01	NB-614-COMP-07	Solid	n-Tetracosanol-1	*	48.600	J		
Total Tics :						532.80		
Total Concentration:						532.80		
Client ID : NB-614-COMP-08								
P4088-07	NB-614-COMP-08	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P4088-07	NB-614-COMP-08	Solid	Benzophenone	*	260.000	J		
Total Tics :						410.00		
Total Concentration:						410.00		
Client ID : 365-351-294								
P4089-01	365-351-294	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	84.500	A		
P4089-01	365-351-294	Solid	Benzophenone	*	250.000	J		
P4089-01	365-351-294	Solid	Bicyclo[4.4.1]undeca-1,3,5,7,9-pe	*	70.200	J		
P4089-01	365-351-294	Solid	Decalin, syn-1-methyl-, cis-	*	50.500	J		
P4089-01	365-351-294	Solid	Diethyltoluamide	*	170.000	J		
P4089-01	365-351-294	Solid	Dodecane, 2,6,11-trimethyl-	*	110.000	J		
P4089-01	365-351-294	Solid	Dodecane, 2,7,10-trimethyl-	*	54.500	J		
P4089-01	365-351-294	Solid	Hexane, 3,3-dimethyl-	*	48.100	J		
P4089-01	365-351-294	Solid	Undecane, 2,6-dimethyl-	*	110.000	J		
P4089-01	365-351-294	Solid	unknown11.357	*	91.200	J		
P4089-01	365-351-294	Solid	unknown13.916	*	48.100	J		
Total Tics :						1,087.10		
P4089-01	365-351-294	Solid	Naphthalene		66.300	J 59	120	ug/Kg
Total Svoc :						66.30		
Total Concentration:						1,153.40		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091424

SAS No.: BM091424

SDG No.: BM091424

Instrument ID: _____

Calibration Date(s): 9/14/2024 : _____

Calibration Time(s): 11:57 _____

LAB FILE ID:		RRF2.5 = BM047520.D			RRF005 = BM047521.D		RRF010 = BM047522.D	
		RRF020 = BM047523.D			RRF040 = BM047524.D		RRF050 = BM047525.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.724	0.730	0.742	0.730	0.717	0.727	1.7
Pyridine		1.680	1.592	1.594	1.587	1.559	1.601	2.4
2-Fluorophenol		1.216	1.208	1.228	1.244	1.245	1.256	4.0
Benzaldehyde		0.923	0.986	0.993	0.837	0.771	0.841	15.8
Aniline		1.542	1.529	1.565	1.586	1.563	1.568	1.7
Phenol-d6		1.632	1.623	1.717	1.795	1.809	1.769	6.6
Phenol		1.676	1.679	1.747	1.781	1.786	1.771	4.4
bis(2-Chloroethyl)ether		1.451	1.413	1.426	1.418	1.397	1.422	1.2
2-Chlorophenol		1.338	1.321	1.380	1.395	1.375	1.385	3.4
1,2-Dichlorobenzene		1.545	1.492	1.503	1.507	1.489	1.519	1.8
1,3-Dichlorobenzene		1.586	1.512	1.497	1.503	1.467	1.516	2.5
1,4-Dichlorobenzene		1.593	1.535	1.529	1.527	1.507	1.544	1.9
Benzyl Alcohol		1.094	1.097	1.191	1.232	1.230	1.198	6.3
2-Methylphenol		1.041	1.073	1.128	1.161	1.154	1.132	4.9
2,2-oxybis(1-Chloropropane)		2.103	2.031	2.065	2.009	1.949	2.000	3.7
Acetophenone		0.521	0.509	0.519	0.527	0.524	0.526	2.3
3+4-Methylphenols		1.441	1.493	1.591	1.613	1.602	1.579	5.2
n-Nitroso-di-n-propylamine	1.067	1.144	1.154	1.230	1.244	1.233	1.193	5.4
Nitrobenzene-d5		0.387	0.384	0.400	0.406	0.400	0.400	2.8
Hexachloroethane		0.639	0.606	0.627	0.615	0.603	0.617	2.2
Nitrobenzene		0.409	0.406	0.417	0.413	0.407	0.411	1.5
Isophorone		0.671	0.679	0.705	0.711	0.710	0.703	2.8
2-Nitrophenol		0.105	0.116	0.134	0.147	0.152	0.140	16.2
2,4-Dimethylphenol		0.208	0.202	0.211	0.210	0.213	0.212	3.2
bis(2-Chloroethoxy)methane		0.448	0.436	0.441	0.441	0.436	0.441	1.1
2,4-Dichlorophenol		0.236	0.243	0.266	0.275	0.280	0.269	8.5
1,2,4-Trichlorobenzene		0.313	0.296	0.300	0.302	0.305	0.309	3.4
Benzoic acid			0.125	0.156	0.192	0.207	0.187	20.9
Naphthalene		1.083	1.042	1.056	1.077	1.079	1.080	2.5
4-Chloroaniline		0.382	0.373	0.389	0.393	0.393	0.391	2.6
Hexachlorobutadiene		0.173	0.166	0.167	0.169	0.169	0.171	2.7
Caprolactam		0.073	0.079	0.090	0.093	0.093	0.089	10.6
4-Chloro-3-methylphenol		0.269	0.284	0.305	0.318	0.319	0.309	8.0
2-Methylnaphthalene		0.683	0.672	0.693	0.726	0.727	0.719	5.3
Hexachlorocyclopentadiene		0.168	0.163	0.168	0.183	0.182	0.177	6.2
2,4,6-Trichlorophenol		0.279	0.301	0.325	0.350	0.358	0.339	11.5

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM091424 SAS No.: BM091424 SDG No.: BM091424
Instrument ID: _____ Calibration Date(s): 9/14/2024 : _____
Calibration Time(s): 11:57 _____

LAB FILE ID:		RRF2.5 = BM047520.D			RRF005 = BM047521.D		RRF010 = BM047522.D	
		RRF020 = BM047523.D			RRF040 = BM047524.D		RRF050 = BM047525.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.331	1.295	1.385	1.515	1.523	1.452	8.0
2,4,5-Trichlorophenol		0.324	0.345	0.367	0.395	0.403	0.383	10.2
1,1-Biphenyl		1.498	1.446	1.490	1.571	1.584	1.556	5.2
2-Chloronaphthalene		1.157	1.137	1.169	1.218	1.234	1.208	4.6
2-Nitroaniline		0.282	0.314	0.355	0.376	0.380	0.355	11.7
Dimethylphthalate		1.316	1.308	1.336	1.372	1.376	1.363	3.3
Acenaphthylene		1.607	1.598	1.682	1.788	1.792	1.744	6.6
2,6-Dinitrotoluene		0.241	0.267	0.285	0.297	0.300	0.288	9.1
3-Nitroaniline		0.263	0.284	0.316	0.336	0.339	0.320	10.7
Acenaphthene		1.108	1.111	1.162	1.247	1.267	1.222	7.8
2,4-Dinitrophenol			0.079	0.103	0.128	0.135	0.125	23.8
4-Nitrophenol		0.195	0.231	0.263	0.282	0.284	0.263	14.2
Dibenzofuran		1.659	1.609	1.655	1.734	1.743	1.717	4.6
2,4-Dinitrotoluene		0.302	0.338	0.378	0.408	0.409	0.384	12.6
Diethylphthalate		1.358	1.374	1.435	1.482	1.473	1.451	4.6
4-Chlorophenyl-phenylether		0.616	0.625	0.683	0.744	0.745	0.707	9.2
Fluorene		1.350	1.378	1.506	1.630	1.642	1.546	8.7
4-Nitroaniline		0.276	0.315	0.377	0.420	0.417	0.376	15.5
4,6-Dinitro-2-methylphenol			0.061	0.077	0.091	0.097	0.091	20.9
n-Nitrosodiphenylamine		0.558	0.546	0.590	0.632	0.633	0.612	7.9
Azobenzene		1.526	1.559	1.620	1.654	1.619	1.597	2.7
2,4,6-Tribromophenol		0.149	0.159	0.177	0.202	0.211	0.193	16.7
4-Bromophenyl-phenylether		0.176	0.170	0.183	0.197	0.201	0.194	9.6
Hexachlorobenzene		0.210	0.196	0.206	0.222	0.224	0.220	7.8
Atrazine		0.149	0.155	0.169	0.178	0.174	0.169	7.5
Pentachlorophenol		0.090	0.101	0.121	0.136	0.140	0.128	19.6
Phenanthrene		1.037	0.999	1.054	1.134	1.131	1.102	6.6
Anthracene		0.948	0.939	1.021	1.104	1.102	1.059	8.6
Carbazole		0.942	0.946	1.015	1.090	1.085	1.049	7.9
Di-n-butylphthalate		1.064	1.097	1.238	1.340	1.349	1.256	10.1
Fluoranthene		1.036	1.044	1.149	1.281	1.276	1.203	10.4
Benzidine		0.303	0.320	0.312	0.253	0.265	0.282	12.4
Pyrene		1.327	1.317	1.353	1.494	1.564	1.459	9.2
Terphenyl-d14		0.989	1.037	1.142	1.256	1.239	1.116	13.2
Butylbenzylphthalate		0.433	0.474	0.540	0.588	0.604	0.562	14.9
3,3-Dichlorobenzidine		0.297	0.326	0.358	0.362	0.356	0.347	7.5

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.: BM091424 SAS No.: BM091424 SDG No.: BM091424
Instrument ID: _____ Calibration Date(s): 9/14/2024 : _____
Calibration Time(s): 11:57 _____

LAB FILE ID:		RRF2.5 = BM047520.D			RRF005 = BM047521.D		RRF010 = BM047522.D	
		RRF020 = BM047523.D			RRF040 = BM047524.D		RRF050 = BM047525.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.245	1.220	1.286	1.333	1.325	1.304	4.3
Chrysene		1.196	1.178	1.201	1.254	1.250	1.233	3.4
Bis(2-ethylhexyl)phthalate		0.663	0.761	0.854	0.928	0.947	0.880	14.7
Di-n-octyl phthalate		0.873	1.043	1.243	1.301	1.309	1.244	18.0
Benzo(b)fluoranthene		1.120	1.142	1.236	1.340	1.381	1.294	9.9
Benzo(k)fluoranthene		1.113	1.131	1.212	1.364	1.350	1.282	10.0
Benzo(a)pyrene		0.906	0.941	1.018	1.098	1.114	1.061	10.2
Indeno(1,2,3-cd)pyrene		1.079	1.075	1.152	1.184	1.238	1.197	9.8
Dibenzo(a,h)anthracene		0.894	0.894	0.964	0.994	1.047	1.007	10.6
Benzo(g,h,i)perylene		0.917	0.883	0.940	0.968	1.018	0.984	9.6
1,2,4,5-Tetrachlorobenzene		0.505	0.491	0.514	0.547	0.554	0.541	7.2
1,4-Dioxane		0.601	0.559	0.552	0.520	0.506	0.538	6.5
2,3,4,6-Tetrachlorophenol		0.259	0.271	0.284	0.306	0.313	0.299	9.4
1-Methylnaphthalene		0.679	0.670	0.694	0.716	0.728	0.714	4.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM091824 SAS No.: BM091824 SDG NO.: BM091824

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BM047524.D Time Analyzed: 09:48

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	365126	7.851	1.61822e+01	10.65	947755	14.48
UPPER LIMIT	730252	8.351	3236440	11.145	1895510	14.98
LOWER LIMIT	182563	7.351	809110	10.145	473877.5	13.98
EPA SAMPLE NO.						
01 PB163138BL	373609	7.85	1.50119e	10.64	800066	14.47
02 NB-614-COMP-04	202265	7.85	768134 *	10.64	373343 *	14.47
03 NB-614-COMP-02	220661	7.85	839796	10.64	396783 *	14.47
04 COMP-1	205182	7.85	787068 *	10.64	422633 *	14.47
05 COMP-2	216850	7.85	871345	10.65	477658	14.48
06 COMP-2MS	291938	7.85	1.15445e	10.65	571144	14.48
07 COMP-2MSD	333300	7.85	1.32234e	10.65	648308	14.48
08 NB-614-COMP-07	261772	7.85	1.02999e	10.65	513901	14.48
09 NB-614-COMP-08	232709	7.85	903255	10.65	451602 *	14.48
10 NB-614-COMP-03	216666	7.85	861746	10.65	440254 *	14.48
11 365-351-294	259466	7.85	1.06082e	10.65	571560	14.48

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.: BM091824 SAS No.: BM091824 SDG NO.: BM091824

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BM047553.D Time Analyzed: 09:48

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	316939	7.845	1.41972e+01	10.64	804123	14.47
UPPER LIMIT	633878	8.345	2839440	11.139	1608246	14.974
LOWER LIMIT	158469.5	7.345	709860	10.139	402061.5	13.974
EPA SAMPLE NO.						
01 PB163138BL	373609	7.85	1.50119e	10.64	800066	14.47
02 NB-614-COMP-04	202265	7.85	768134	10.64	373343 *	14.47
03 NB-614-COMP-02	220661	7.85	839796	10.64	396783 *	14.47
04 COMP-1	205182	7.85	787068	10.64	422633	14.47
05 COMP-2	216850	7.85	871345	10.65	477658	14.48
06 COMP-2MS	291938	7.85	1.15445e	10.65	571144	14.48
07 COMP-2MSD	333300	7.85	1.32234e	10.65	648308	14.48
08 NB-614-COMP-07	261772	7.85	1.02999e	10.65	513901	14.48
09 NB-614-COMP-08	232709	7.85	903255	10.65	451602	14.48
10 NB-614-COMP-03	216666	7.85	861746	10.65	440254	14.48
11 365-351-294	259466	7.85	1.06082e	10.65	571560	14.48

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.: BM091824 SAS No.: BM091824 SDG NO.: BM091824

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BM047524.D Time Analyzed: 09:48

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.79233e+0	17.215	1.6278e+0	21.444	1.30886e+0	24.468
UPPER LIMIT	3584660	17.715	3255600	21.944	2617720	24.968
LOWER LIMIT	896165	16.715	813900	20.944	654430	23.968
EPA SAMPLE NO.						
01 PB163138BL	1.50497	17.21	983634	21.43	879222	24.46
02 NB-614-COMP-04	732053 *	17.21	641831 *	21.43	722111	24.46
03 NB-614-COMP-02	744199 *	17.21	635989 *	21.43	695194	24.46
04 COMP-1	840225 *	17.21	738229 *	21.43	872296	24.46
05 COMP-2	926931	17.22	778694 *	21.44	928222	24.46
06 COMP-2MS	986732	17.22	777638 *	21.45	813227	24.47
07 COMP-2MSD	1.08564	17.22	788877 *	21.45	792231	24.47
08 NB-614-COMP-07	935134	17.22	744295 *	21.44	819285	24.47
09 NB-614-COMP-08	830876 *	17.22	678507 *	21.44	749282	24.47
10 NB-614-COMP-03	824165 *	17.22	722182 *	21.44	802909	24.47
11 365-351-294	1.20687	17.22	1.14715e+	21.45	1.20512e+	24.48

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.: BM091824 SAS No.: BM091824 SDG NO.: BM091824

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 18 2024 12:00AM

Lab File ID: BM047553.D Time Analyzed: 09:48

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.54428e+01	17.21	1.44666e+01	21.439	1.25641e+01	24.462
UPPER LIMIT	3088560	17.71	2893320	21.939	2512820	24.962
LOWER LIMIT	772140	16.71	723330	20.939	628205	23.962
EPA SAMPLE NO.						
01 PB163138BL	1.50497	17.21	983634	21.43	879222	24.46
02 NB-614-COMP-04	732053 *	17.21	641831 *	21.43	722111	24.46
03 NB-614-COMP-02	744199 *	17.21	635989 *	21.43	695194	24.46
04 COMP-1	840225	17.21	738229	21.43	872296	24.46
05 COMP-2	926931	17.22	778694	21.44	928222	24.46
06 COMP-2MS	986732	17.22	777638	21.45	813227	24.47
07 COMP-2MSD	1.08564	17.22	788877	21.45	792231	24.47
08 NB-614-COMP-07	935134	17.22	744295	21.44	819285	24.47
09 NB-614-COMP-08	830876	17.22	678507 *	21.44	749282	24.47
10 NB-614-COMP-03	824165	17.22	722182 *	21.44	802909	24.47
11 365-351-294	1.20687	17.22	1.14715e+01	21.45	1.20512e+01	24.48

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 LOWER 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.

PB163138BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091824

SAS No.: BM091824 SDG NO.: BM091824

Lab File ID: BM047554.D

Lab Sample ID: PB163138BL

Instrument ID: BNA_M

Date Extracted: 09/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/18/2024

Level: (low/med) LOW

Time Analyzed: 09:48

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.

NB-614-COMP-04

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091824

SAS No.: BM091824 SDG NO.: BM091824

Lab File ID: BM047555.D

Lab Sample ID: P4087-19

Instrument ID: BNA_M

Date Extracted: 09/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/18/2024

Level: (low/med) LOW

Time Analyzed: 14:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
NB-614-COMP-04	P4087-19	BM047555.D	09/18/2024
NB-614-COMP-02	P4087-07	BM047556.D	09/18/2024
COMP-1	P4085-01	BM047557.D	09/18/2024
COMP-2	P4085-03	BM047558.D	09/18/2024
COMP-2MS	P4085-03MS	BM047559.D	09/18/2024
COMP-2MSD	P4085-03MSD	BM047560.D	09/18/2024
NB-614-COMP-07	P4088-01	BM047561.D	09/18/2024
NB-614-COMP-08	P4088-07	BM047562.D	09/18/2024
NB-614-COMP-03	P4087-13	BM047563.D	09/18/2024
365-351-294	P4089-01	BM047564.D	09/18/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM091824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4085-03MS		Client Sample ID: COMP-2MS		DataFile: BM047559.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100				66	124	
Pyridine	1100		980	ug/Kg	89				45	119	
Benzaldehyde	1100		360	ug/Kg	33				10	86	
Aniline	1100		1300	ug/Kg	118	*			10	88	
Phenol	1100		1200	ug/Kg	109				67	126	
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109				54	125	
2-Chlorophenol	1100		1200	ug/Kg	109	*			79	107	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1100		1100	ug/Kg	100				63	104	
Benzyl Alcohol	1100		1200	ug/Kg	109				47	126	
2-Methylphenol	1100		1200	ug/Kg	109				66	122	
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109				65	110	
Acetophenone	1100		1200	ug/Kg	109				75	111	
3+4-Methylphenols	1100		1200	ug/Kg	109	*			66	104	
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100				59	119	
Hexachloroethane	1100		1100	ug/Kg	100				65	117	
Nitrobenzene	1100		1200	ug/Kg	109				70	119	
Isophorone	1100		1200	ug/Kg	109				76	122	
2-Nitrophenol	1100		1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100		1500	ug/Kg	136	*			44	135	
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109				68	112	
2,4-Dichlorophenol	1100		1200	ug/Kg	109				72	118	
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100				57	103	
Benzoic acid	1100		1000	ug/Kg	91				50	104	
Naphthalene	1100		1100	ug/Kg	100				72	110	
4-Chloroaniline	1100		850	ug/Kg	77				10	91	
Hexachlorobutadiene	1100		1100	ug/Kg	100				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1200	ug/Kg	109				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2200		4600	ug/Kg	209	*			10	175	
2,4,6-Trichlorophenol	1100		1300	ug/Kg	118	*			72	117	
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
1,1-Biphenyl	1100		1300	ug/Kg	118	*			75	113	
2-Chloronaphthalene	1100		1200	ug/Kg	109				67	118	
2-Nitroaniline	1100		1300	ug/Kg	118				69	127	
Dimethylphthalate	1100		1200	ug/Kg	109				70	113	
Acenaphthylene	1100		1300	ug/Kg	118				79	118	
2,6-Dinitrotoluene	1100		1200	ug/Kg	109				70	125	
3-Nitroaniline	1100		920	ug/Kg	84				30	99	
Acenaphthene	1100		1400	ug/Kg	127	*			70	121	
Total PAH	17600		21300	ug/Kg	121				70	121	
2,4-Dinitrophenol	2200		1900	ug/Kg	86				10	155	
4-Nitrophenol	2200		2800	ug/Kg	127				45	133	
Dibenzofuran	1100		1200	ug/Kg	109				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM091824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1200	ug/Kg	109				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2400	ug/Kg	109				55	128	
Diethylphthalate	1100		1200	ug/Kg	109				70	112	
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100				71	108	
Fluorene	1100		1200	ug/Kg	109				68	116	
4-Nitroaniline	1100		1200	ug/Kg	109				55	120	
4,6-Dinitro-2-methylphenol	1100		1000	ug/Kg	91				10	160	
N-Nitrosodiphenylamine	1100		1400	ug/Kg	127	*			73	118	
Azobenzene	1100		1400	ug/Kg	127	*			73	110	
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109				65	121	
Hexachlorobenzene	1100		1200	ug/Kg	109				67	118	
Atrazine	1100		1400	ug/Kg	127				79	127	
Pentachlorophenol	2200		2800	ug/Kg	127				47	128	
Phenanthrene	1100		1300	ug/Kg	118				52	128	
Anthracene	1100		1300	ug/Kg	118				62	124	
Carbazole	1100		1200	ug/Kg	109				59	119	
Di-n-butylphthalate	1100		1300	ug/Kg	118				69	118	
Fluoranthene	1100		1200	ug/Kg	109				44	125	
Benzydine	2200		3600	ug/Kg	164	*			10	119	
Pyrene	1100		1300	ug/Kg	118				26	142	
Butylbenzylphthalate	1100		1500	ug/Kg	136	*			64	126	
3,3-Dichlorobenzidine	1100		1400	ug/Kg	127	*			33	116	
Benzo(a)anthracene	1100		1300	ug/Kg	118	*			71	114	
Chrysene	1100		1300	ug/Kg	118				57	121	
bis(2-Ethylhexyl)phthalate	1100		1500	ug/Kg	136				42	169	
Di-n-octyl phthalate	1100		1600	ug/Kg	145				23	175	
Benzo(b)fluoranthene	1100		1200	ug/Kg	109				67	121	
Benzo(k)fluoranthene	1100		1200	ug/Kg	109				57	134	
Benzo(a)pyrene	1100		1400	ug/Kg	127				70	142	
Indeno(1,2,3-cd)pyrene	1100		1700	ug/Kg	155	*			40	129	
Dibenz(a,h)anthracene	1100		1600	ug/Kg	145	*			43	123	
Benzo(g,h,i)perylene	1100		1500	ug/Kg	136	*			24	125	
1,2,4,5-Tetrachlorobenzene	1100		1300	ug/Kg	118				69	124	
1,4-Dioxane	1100		1000	ug/Kg	91				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				69	112	
1-Methylnaphthalene	1100		1100	ug/Kg	100				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM091824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4085-03MSD		Client Sample ID: COMP-2MSD		DataFile: BM047560.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100		0		66	124	20
Pyridine	1100		970	ug/Kg	88		1		45	119	20
Benzaldehyde	1100		360	ug/Kg	33		0		10	86	20
Aniline	1100		1300	ug/Kg	118	*	0		10	88	20
Phenol	1100		1200	ug/Kg	109		0		67	126	20
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109		0		54	125	20
2-Chlorophenol	1100		1200	ug/Kg	109	*	0		79	107	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100		0		63	104	20
Benzyl Alcohol	1100		1200	ug/Kg	109		0		47	126	20
2-Methylphenol	1100		1200	ug/Kg	109		0		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109		0		65	110	20
Acetophenone	1100		1200	ug/Kg	109		0		75	111	20
3+4-Methylphenols	1100		1200	ug/Kg	109	*	0		66	104	20
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100		0		59	119	20
Hexachloroethane	1100		1100	ug/Kg	100		0		65	117	20
Nitrobenzene	1100		1200	ug/Kg	109		0		70	119	20
Isophorone	1100		1200	ug/Kg	109		0		76	122	20
2-Nitrophenol	1100		1300	ug/Kg	118		8		54	145	20
2,4-Dimethylphenol	1100		1500	ug/Kg	136	*	0		44	135	20
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109		0		68	112	20
2,4-Dichlorophenol	1100		1200	ug/Kg	109		0		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		0		57	103	20
Benzoic acid	1100		1000	ug/Kg	91		0		50	104	20
Naphthalene	1100		1100	ug/Kg	100		0		72	110	20
4-Chloroaniline	1100		820	ug/Kg	75		3		10	91	20
Hexachlorobutadiene	1100		1100	ug/Kg	100		0		66	114	20
Caprolactam	1100		1100	ug/Kg	100		0		51	134	20
4-Chloro-3-methylphenol	1100		1200	ug/Kg	109		0		57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	2200		4700	ug/Kg	214	*	2		10	175	20
2,4,6-Trichlorophenol	1100		1300	ug/Kg	118	*	0		72	117	20
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109		0		72	117	20
1,1-Biphenyl	1100		1200	ug/Kg	109		8		75	113	20
2-Chloronaphthalene	1100		1200	ug/Kg	109		0		67	118	20
2-Nitroaniline	1100		1300	ug/Kg	118		0		69	127	20
Dimethylphthalate	1100		1200	ug/Kg	109		0		70	113	20
Acenaphthylene	1100		1300	ug/Kg	118		0		79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100		9		70	125	20
3-Nitroaniline	1100		880	ug/Kg	80		5		30	99	20
Acenaphthene	1100		1300	ug/Kg	118		7		70	121	20
Total PAH	17600		21200	ug/Kg	120		1		70	121	20
2,4-Dinitrophenol	2200		1900	ug/Kg	86		0		10	155	20
4-Nitrophenol	2200		2600	ug/Kg	118		7		45	133	20
Dibenzofuran	1100		1200	ug/Kg	109		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM091824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		9		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100		9		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		0		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		0		71	108	20
Fluorene	1100		1200	ug/Kg	109		0		68	116	20
4-Nitroaniline	1100		1100	ug/Kg	100		9		55	120	20
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100		9		10	160	20
N-Nitrosodiphenylamine	1100		1400	ug/Kg	127	*	0		73	118	20
Azobenzene	1100		1300	ug/Kg	118	*	7		73	110	20
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109		0		65	121	20
Hexachlorobenzene	1100		1200	ug/Kg	109		0		67	118	20
Atrazine	1100		1400	ug/Kg	127		0		79	127	20
Pentachlorophenol	2200		2700	ug/Kg	123		3		47	128	20
Phenanthrene	1100		1300	ug/Kg	118		0		52	128	20
Anthracene	1100		1300	ug/Kg	118		0		62	124	20
Carbazole	1100		1200	ug/Kg	109		0		59	119	20
Di-n-butylphthalate	1100		1300	ug/Kg	118		0		69	118	20
Fluoranthene	1100		1100	ug/Kg	100		9		44	125	20
Benzydine	2200		3700	ug/Kg	168	*	2		10	119	20
Pyrene	1100		1400	ug/Kg	127		7		26	142	20
Butylbenzylphthalate	1100		1500	ug/Kg	136	*	0		64	126	20
3,3-Dichlorobenzidine	1100		1400	ug/Kg	127	*	0		33	116	20
Benzo(a)anthracene	1100		1300	ug/Kg	118	*	0		71	114	20
Chrysene	1100		1300	ug/Kg	118		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1400	ug/Kg	127		7		42	169	20
Di-n-octyl phthalate	1100		1600	ug/Kg	145		0		23	175	20
Benzo(b)fluoranthene	1100		1200	ug/Kg	109		0		67	121	20
Benzo(k)fluoranthene	1100		1200	ug/Kg	109		0		57	134	20
Benzo(a)pyrene	1100		1400	ug/Kg	127		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1700	ug/Kg	155	*	0		40	129	20
Dibenz(a,h)anthracene	1100		1600	ug/Kg	145	*	0		43	123	20
Benzo(g,h,i)perylene	1100		1500	ug/Kg	136	*	0		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1300	ug/Kg	118		0		69	124	20
1,4-Dioxane	1100		980	ug/Kg	89		2		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109		0		69	112	20
1-Methylnaphthalene	1100		1100	ug/Kg	100		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BM091824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163138BL	PB163138BL	BM047554.D	2-Fluorophenol	150	139.52	93		18	112
			Phenol-d6	150	124.80	83		15	107
			Nitrobenzene-d5	100	83.95	84		18	107
			2-Fluorobiphenyl	100	83.79	84		20	109
			2,4,6-Tribromophenol	150	111.53	74		10	116
			Terphenyl-d14	100	122.78	123	*	10	105

Surrogate Summary

SW-846

SDG No.: **BM091824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4085-01	COMP-1	BM047557.D	2-Fluorophenol	150	112.71	75		18	112
			Phenol-d6	150	98.75	66		15	107
			Nitrobenzene-d5	100	68.91	69		18	107
			2-Fluorobiphenyl	100	55.67	56		20	109
			2,4,6-Tribromophenol	150	88.32	59		10	116
			Terphenyl-d14	100	63.73	64		10	105
P4085-03	COMP-2	BM047558.D	2-Fluorophenol	150	144.78	97		18	112
			Phenol-d6	150	129.06	86		15	107
			Nitrobenzene-d5	100	86.43	86		18	107
			2-Fluorobiphenyl	100	74.28	74		20	109
			2,4,6-Tribromophenol	150	120.57	80		10	116
			Terphenyl-d14	100	89.97	90		10	105
P4085-03MS	COMP-2MS	BM047559.D	2-Fluorophenol	150	132.21	88		18	112
			Phenol-d6	150	121.11	81		15	107
			Nitrobenzene-d5	100	81.89	82		18	107
			2-Fluorobiphenyl	100	78.71	79		20	109
			2,4,6-Tribromophenol	150	116.35	78		10	116
			Terphenyl-d14	100	87.49	87		10	105
P4085-03MSD	COMP-2MSD	BM047560.D	2-Fluorophenol	150	132.38	88		18	112
			Phenol-d6	150	121.27	81		15	107
			Nitrobenzene-d5	100	81.87	82		18	107
			2-Fluorobiphenyl	100	78.49	78		20	109
			2,4,6-Tribromophenol	150	112.98	75		10	116
			Terphenyl-d14	100	90.19	90		10	105
P4087-07	NB-614-COMP-02	BM047556.D	2-Fluorophenol	150	96.37	64		18	112
			Phenol-d6	150	87.27	58		15	107
			Nitrobenzene-d5	100	60.65	61		18	107
			2-Fluorobiphenyl	100	48.76	49		20	109
			2,4,6-Tribromophenol	150	72.93	49		10	116
			Terphenyl-d14	100	50.93	51		10	105
P4087-13	NB-614-COMP-03	BM047563.D	2-Fluorophenol	150	96.92	65		18	112
			Phenol-d6	150	93.64	62		15	107
			Nitrobenzene-d5	100	63.19	63		18	107
			2-Fluorobiphenyl	100	60.94	61		20	109
			2,4,6-Tribromophenol	150	80.73	54		10	116
			Terphenyl-d14	100	62.95	63		10	105
P4087-19	NB-614-COMP-04	BM047555.D	2-Fluorophenol	150	103.23	69		18	112
			Phenol-d6	150	93.27	62		15	107
			Nitrobenzene-d5	100	66.51	67		18	107
			2-Fluorobiphenyl	100	59.11	59		20	109
			2,4,6-Tribromophenol	150	84.25	56		10	116
			Terphenyl-d14	100	66.49	66		10	105
P4088-01	NB-614-COMP-07	BM047561.D	2-Fluorophenol	150	92.73	62		18	112
			Phenol-d6	150	85.30	57		15	107
			Nitrobenzene-d5	100	58.22	58		18	107
			2-Fluorobiphenyl	100	54.59	55		20	109
			2,4,6-Tribromophenol	150	76.55	51		10	116
			Terphenyl-d14	100	59.01	59		10	105
P4088-07	NB-614-COMP-08	BM047562.D	2-Fluorophenol	150	88.05	59		18	112

Surrogate Summary

SW-846

SDG No.: **BM091824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4088-07	NB-614-COMP-08	BM047562.D	Phenol-d6	150	85.35	57		15	107
			Nitrobenzene-d5	100	57.16	57		18	107
			2-Fluorobiphenyl	100	53.78	54		20	109
			2,4,6-Tribromophenol	150	70.89	47		10	116
			Terphenyl-d14	100	56.22	56		10	105
P4089-01	365-351-294	BM047564.D	2-Fluorophenol	150	95.60	64		18	112
			Phenol-d6	150	89.40	60		15	107
			Nitrobenzene-d5	100	58.56	59		18	107
			2-Fluorobiphenyl	100	55.17	55		20	109
			2,4,6-Tribromophenol	150	82.34	55		10	116
			Terphenyl-d14	100	58.66	59		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM091824

Lab Code: CHEM

SAS No.: BM091824 SDG NO.: BM091824

Lab File ID: BM047552.D

DFTPP Injection Date: 09/18/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.8
68	Less than 2.0% of mass 69	0.8 (1.6) 1
69	Mass 69 relative abundance	53.6
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	60.6
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	22.4
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	8.3
442	Greater than 50% of mass 198	48.7
443	15.0 - 24.0% of mass 442	9.3 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM047553.D	09/18/2024	09:08
PB163138BL	PB163138BL	BM047554.D	09/18/2024	09:48
NB-614-COMP-04	P4087-19	BM047555.D	09/18/2024	14:22
NB-614-COMP-02	P4087-07	BM047556.D	09/18/2024	15:01
COMP-1	P4085-01	BM047557.D	09/18/2024	15:41
COMP-2	P4085-03	BM047558.D	09/18/2024	16:26
COMP-2MS	P4085-03MS	BM047559.D	09/18/2024	17:07
COMP-2MSD	P4085-03MSD	BM047560.D	09/18/2024	17:46
NB-614-COMP-07	P4088-01	BM047561.D	09/18/2024	18:26
NB-614-COMP-08	P4088-07	BM047562.D	09/18/2024	19:05
NB-614-COMP-03	P4087-13	BM047563.D	09/18/2024	19:45
365-351-294	P4089-01	BM047564.D	09/18/2024	20:25