

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-BNA-SOIL	SDG No.:	P4495
Lab Sample ID:	P4495-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140343.D	1	10/25/24 09:50	11/13/24 15:25	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
62-75-9	n-Nitrosodimethylamine	86.6	U	86.6	330	ug/Kg
110-86-1	Pyridine	79.7	U	79.7	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	330	ug/Kg
62-53-3	Aniline	96.7	U	96.7	170	ug/Kg
108-95-2	Phenol	82.7	U	82.7	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	5500	E	83.5	170	ug/Kg
95-57-8	2-Chlorophenol	2100		83.3	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	2600		84.4	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	3800	E	85.8	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	4400	E	86.3	170	ug/Kg
100-51-6	Benzyl Alcohol	82.8	U	82.8	330	ug/Kg
95-48-7	2-Methylphenol	80.4	U	80.4	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3000	E	90.7	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.6	U	79.6	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	5900	E	40.2	79.8	ug/Kg
67-72-1	Hexachloroethane	3400	E	82.8	170	ug/Kg
98-95-3	Nitrobenzene	5800	E	90.6	170	ug/Kg
78-59-1	Isophorone	4400	E	84.4	170	ug/Kg
88-75-5	2-Nitrophenol	2300		94.3	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.0	U	93.0	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	4000	E	85.6	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.3	U	75.3	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4600	E	85.2	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	330	ug/Kg
91-20-3	Naphthalene	82.4	U	82.4	170	ug/Kg
106-47-8	4-Chloroaniline	82.4	U	82.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.1	U	83.1	170	ug/Kg
105-60-2	Caprolactam	86.6	U	86.6	330	ug/Kg

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-BNA-SOIL	SDG No.:	P4495
Lab Sample ID:	P4495-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140343.D	1	10/25/24 09:50	11/13/24 15:25	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
59-50-7	4-Chloro-3-methylphenol	77.3	U	77.3	170	ug/Kg
91-57-6	2-Methylnaphthalene	3200	E	82.3	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3800	E	71.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.8	U	73.8	170	ug/Kg
92-52-4	1,1-Biphenyl	87.2	U	87.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	2300		83.1	170	ug/Kg
88-74-4	2-Nitroaniline	94.8	U	94.8	170	ug/Kg
131-11-3	Dimethylphthalate	2300		81.5	170	ug/Kg
208-96-8	Acenaphthylene	2800	E	86.3	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.0	U	83.0	170	ug/Kg
99-09-2	3-Nitroaniline	89.0	U	89.0	170	ug/Kg
83-32-9	Acenaphthene	2400		80.9	170	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	330	ug/Kg
100-02-7	4-Nitrophenol	2800	E	120	330	ug/Kg
132-64-9	Dibenzofuran	4000	E	84.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.0	U	86.0	170	ug/Kg
84-66-2	Diethylphthalate	79.9	U	79.9	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.4	U	85.4	170	ug/Kg
86-73-7	Fluorene	3600	E	85.3	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	UQ	120	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.4	U	81.4	170	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3300	E	78.7	170	ug/Kg
118-74-1	Hexachlorobenzene	2600		84.8	170	ug/Kg
1912-24-9	Atrazine	91.2	U	91.2	170	ug/Kg
87-86-5	Pentachlorophenol	3200	E	77.1	330	ug/Kg
85-01-8	Phenanthrene	2100		83.8	170	ug/Kg
120-12-7	Anthracene	2600		84.2	170	ug/Kg
86-74-8	Carbazole	3200	E	80.1	170	ug/Kg

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-BNA-SOIL	SDG No.:	P4495
Lab Sample ID:	P4495-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140343.D	1	10/25/24 09:50	11/13/24 15:25	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
84-74-2	Di-n-butylphthalate	3100	E	84.1	170	ug/Kg
206-44-0	Fluoranthene	1600		81.5	170	ug/Kg
92-87-5	Benzidine	160	U	160	330	ug/Kg
129-00-0	Pyrene	82.8	U	82.8	170	ug/Kg
85-68-7	Butylbenzylphthalate	4000	E	96.6	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.4	U	98.4	330	ug/Kg
56-55-3	Benzo(a)anthracene	2100		80.5	170	ug/Kg
218-01-9	Chrysene	79.3	U	79.3	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		90.8	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.9	U	80.9	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.4	U	82.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.8	U	92.8	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		77.9	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.0	U	81.0	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79.9	U	79.9	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.6	U	86.6	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2300		74.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.0	U	83.0	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	88.0		18 - 112	59%	SPK: 150
13127-88-3	Phenol-d6	91.3		15 - 107	61%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.2		18 - 107	64%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.3		20 - 109	65%	SPK: 100
118-79-6	2,4,6-Tribromophenol	99.2		10 - 116	66%	SPK: 150
1718-51-0	Terphenyl-d14	83.0		10 - 105	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	108000	6.875			
1146-65-2	Naphthalene-d8	423000	8.157			

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	10/21/24
Project:	NJ Soil PT	Date Received:	10/23/24
Client Sample ID:	PT-BNA-SOIL	SDG No.:	P4495
Lab Sample ID:	P4495-11	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140343.D	1	10/25/24 09:50	11/13/24 15:25	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
15067-26-2	Acenaphthene-d10	238000	9.91			
1517-22-2	Phenanthrene-d10	445000	11.404			
1719-03-5	Chrysene-d12	249000	14.08			
1520-96-3	Perylene-d12	223000	15.615			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products