

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-PAH-SOIL	SDG No.:	P4495
Lab Sample ID:	P4495-13	Matrix:	SOIL
Analytical Method:	SW8270SIM	% Solid:	100
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
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
BN035086.D	1	10/25/24 09:50	11/14/24 13:22	PB164402

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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TARGETS

91-20-3	Naphthalene	160		0.69	3.30	ug/Kg
91-57-6	2-Methylnaphthalene	170	E	0.80	3.30	ug/Kg
208-96-8	Acenaphthylene	77.7		0.63	3.30	ug/Kg
83-32-9	Acenaphthene	280	E	0.55	3.30	ug/Kg
86-73-7	Fluorene	120		0.60	3.30	ug/Kg
85-01-8	Phenanthrene	270	E	0.63	3.30	ug/Kg
120-12-7	Anthracene	410	E	0.79	3.30	ug/Kg
206-44-0	Fluoranthene	140		0.67	3.30	ug/Kg
129-00-0	Pyrene	180	E	0.95	3.30	ug/Kg
56-55-3	Benzo(a)anthracene	200	E	0.76	3.30	ug/Kg
218-01-9	Chrysene	160		0.86	3.30	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	E	1.20	3.30	ug/Kg
207-08-9	Benzo(k)fluoranthene	100		0.98	3.30	ug/Kg
50-32-8	Benzo(a)pyrene	200	E	1.70	3.30	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91.6		1.30	3.30	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120		1.20	3.30	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37.0		1.10	3.30	ug/Kg

SURROGATES

7297-45-2	2-Methylnaphthalene-d10	0.25		17 - 161	62%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.28		23 - 138	69%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.29		33 - 121	73%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.28		32 - 121	70%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.32		21 - 130	81%	SPK: 0.4

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	3750	7.546
1146-65-2	Naphthalene-d8	10300	10.308
15067-26-2	Acenaphthene-d10	7900	14.186
1517-22-2	Phenanthrene-d10	19400	16.939
1719-03-5	Chrysene-d12	20700	21.14

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1520-96-3	Perylene-d12	18900	23.301			

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