

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-NJEPH-SOIL	SDG No.:	P4495
Lab Sample ID:	P4495-16	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	20.27 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048598.D	1	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	33.7	E	0.44	0.99	mg/kg
Aromatic C12-C16	Aromatic C12-C16	117	E	0.50	1.48	mg/kg
Aromatic C16-C21	Aromatic C16-C21	192	E	1.42	2.47	mg/kg
Aromatic C21-C36	Aromatic C21-C36	42.3		2.96	3.95	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	64.9		40 - 140	130%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	61.6		40 - 140	123%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	52.8		40 - 140	106%	SPK: 50



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

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4495-16	Acq On:	28 Oct 2024 10:32
Client Sample ID:	PT-NJEPH-SOIL	Operator:	YP/AJ
Data file:	FD048598.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	60142570	341.326	200	ug/ml
Aromatic C12-C16	5.813	8.417	210868072	1190	300	ug/ml
Aromatic C16-C21	8.418	12.677	319145650	1950	500	ug/ml
Aromatic C21-C36	12.678	18.081	65472370	428.728	800	ug/ml
Aromatic EPH	4.094	18.081	655628662	3910		ug/ml
ortho-Terphenyl (SURR)	11.262	11.262	8995694	52.81		ug/ml
2-Bromonaphthalene (SURR)	7.375	7.375	9843972	64.86		ug/ml
2-Fluorobiphenyl (SURR)	8.227	8.227	6045437	61.57		ug/ml