

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	
Project:	NJ Soil PT		Date Received:	
Client Sample ID:	EX-5-TPH-5MSD		SDG No.:	P4495
Lab Sample ID:	P4518-05MSD		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	73.9
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH
Prep Method :				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048608.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	15.1		0.41	0.90	mg/kg
Aromatic C12-C16	Aromatic C12-C16	79.5	E	0.46	1.35	mg/kg
Aromatic C16-C21	Aromatic C16-C21	254	E	1.30	2.25	mg/kg
Aromatic C21-C36	Aromatic C21-C36	86.6	E	2.70	3.60	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	62.5		40 - 140	125%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	57.0		40 - 140	114%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.3		40 - 140	71%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-05MSD	Acq On:	28 Oct 2024 17:03
Client Sample ID:	P4518-05MSD	Operator:	YP/AJ
Data file:	FD048608.D	Misc:	
Instrument:	FID_D	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	29643175	168.233	200	ug/ml
Aromatic C12-C16	5.813	8.417	156572049	883.223	300	ug/ml
Aromatic C16-C21	8.418	12.677	463474069	2830	500	ug/ml
Aromatic C21-C36	12.678	18.081	146950935	962.268	800	ug/ml
Aromatic EPH	4.094	18.081	796640228	4840		ug/ml
2-Bromonaphthalene (SURRE)	7.374	7.374	9478602	62.45		ug/ml
2-Fluorobiphenyl (SURRE)	8.227	8.227	5592057	56.95		ug/ml
ortho-Terphenyl (SURRE)	11.263	11.263	6010687	35.29		ug/ml