

Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	
Project:	NJ Soil PT	Date Received:	
Client Sample ID:	EX-5-TPH-5MS	SDG No.:	P4495
Lab Sample ID:	P4518-05MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	73.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048607.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	15.4		0.41	0.90	mg/kg
Aromatic C12-C16	Aromatic C12-C16	85.4	E	0.46	1.35	mg/kg
Aromatic C16-C21	Aromatic C16-C21	255	E	1.30	2.25	mg/kg
Aromatic C21-C36	Aromatic C21-C36	90.4	E	2.70	3.61	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	63.9		40 - 140	128%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	58.4		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.6		40 - 140	71%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-05MS	Acq On:	28 Oct 2024 16:27
Client Sample ID:	P4518-05MS	Operator:	YP/AJ
Data file:	FD048607.D	Misc:	
Instrument:	FID_D	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	30113921	170.905	200	ug/ml
Aromatic C12-C16	5.813	8.417	167837858	946.774	300	ug/ml
Aromatic C16-C21	8.418	12.677	464910174	2840	500	ug/ml
Aromatic C21-C36	12.678	18.081	153097075	1000	800	ug/ml
Aromatic EPH	4.094	18.081	815959028	4960		ug/ml
2-Bromonaphthalene (SURRE)	7.374	7.374	9693084	63.86		ug/ml
2-Fluorobiphenyl (SURRE)	8.226	8.226	5737547	58.43		ug/ml
ortho-Terphenyl (SURRE)	11.263	11.263	6064486	35.6		ug/ml