

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-1	SDG No.:	P4518
Lab Sample ID:	P4518-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048589.D	1	10/25/24	10/25/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	9.10		0.38	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	91.9	E	0.43	1.27	mg/kg
Aromatic C16-C21	Aromatic C16-C21	308	E	1.22	2.12	mg/kg
Aromatic C21-C36	Aromatic C21-C36	60.3		2.54	3.39	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	64.9		40 - 140	130%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	68.0		40 - 140	136%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.9		40 - 140	102%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-01	Acq On:	25 Oct 2024 16:18
Client Sample ID:	EX-5-TPH-1	Operator:	YP/AJ
Data file:	FD048589.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	18930236	107.434	200	ug/ml
Aromatic C12-C16	5.813	8.418	192256556	1080	300	ug/ml
Aromatic C16-C21	8.419	12.680	596891346	3640	500	ug/ml
Aromatic C21-C36	12.681	18.085	108611000	711.209	800	ug/ml
Aromatic EPH	4.094	18.085	916689138	5550		ug/ml
2-Bromonaphthalene (SURR)	7.377	7.377	9849680	64.89		ug/ml
2-Fluorobiphenyl (SURR)	8.230	8.230	6682262	68.05		ug/ml
ortho-Terphenyl (SURR)	11.269	11.269	8669784	50.9		ug/ml