

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-4DL	SDG No.:	P4518
Lab Sample ID:	P4518-04DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048615.D	5	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	33.4		1.87	4.15	mg/kg
Aromatic C12-C16	Aromatic C12-C16	238	E	2.11	6.22	mg/kg
Aromatic C16-C21	Aromatic C16-C21	617	E	5.97	10.4	mg/kg
Aromatic C21-C36	Aromatic C21-C36	88.5		12.4	16.6	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	15.4		40 - 140	154%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	13.0		40 - 140	130%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	7.51		40 - 140	75%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-04DL	Acq On:	29 Oct 2024 09:31
Client Sample ID:	EX-5-TPH-4DL	Operator:	YP/AJ
Data file:	FD048615.D	Misc:	
Instrument:	FID_D	ALS Vial:	76
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	14192652	80.547	200	ug/ml
Aromatic C12-C16	5.813	8.417	102069740	575.776	300	ug/ml
Aromatic C16-C21	8.418	12.677	244146147	1490	500	ug/ml
Aromatic C21-C36	12.678	18.081	32594673	213.437	800	ug/ml
Aromatic EPH	4.094	18.081	393003212	2360		ug/ml
2-Bromonaphthalene (SURRE)	7.371	7.371	2338106	15.4		ug/ml
2-Fluorobiphenyl (SURRE)	8.223	8.223	1275250	12.99		ug/ml
ortho-Terphenyl (SURRE)	11.256	11.256	1279387	7.51		ug/ml