

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-2	SDG No.:	P4518
Lab Sample ID:	P4518-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048590.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	17.5	E	0.38	0.84	mg/kg
Aromatic C12-C16	Aromatic C12-C16	103	E	0.43	1.26	mg/kg
Aromatic C16-C21	Aromatic C16-C21	357	E	1.21	2.10	mg/kg
Aromatic C21-C36	Aromatic C21-C36	85.7	E	2.52	3.36	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.1		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	62.2		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	20.4		40 - 140	41%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-02	Acq On:	25 Oct 2024 16:54
Client Sample ID:	EX-5-TPH-2	Operator:	YP/AJ
Data file:	FD048590.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	36787552	208.78	200	ug/ml
Aromatic C12-C16	5.813	8.418	218121092	1230	300	ug/ml
Aromatic C16-C21	8.419	12.680	696406923	4250	500	ug/ml
Aromatic C21-C36	12.681	18.085	155662040	1020	800	ug/ml
Aromatic EPH	4.094	18.085	1106977607	6710		ug/ml
2-Bromonaphthalene (SURR)	7.377	7.377	8509906	56.07		ug/ml
2-Fluorobiphenyl (SURR)	8.230	8.230	6108272	62.21		ug/ml
ortho-Terphenyl (SURR)	11.269	11.269	3471602	20.38		ug/ml