

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-4DL2	SDG No.:	P4518
Lab Sample ID:	P4518-04DL2	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
FD048616.D	20	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	37.0		7.46	16.6	mg/kg
Aromatic C12-C16	Aromatic C12-C16	254		8.46	24.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	670		23.9	41.5	mg/kg
Aromatic C21-C36	Aromatic C21-C36	77.6		49.7	66.3	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	4.10		40 - 140	164%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	2.92		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.27		40 - 140	91%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-04DL2	Acq On:	29 Oct 2024 10:08
Client Sample ID:	EX-5-TPH-4DL2	Operator:	YP/AJ
Data file:	FD048616.D	Misc:	
Instrument:	FID_D	ALS Vial:	77
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	3928545	22.296	200	ug/ml
Aromatic C12-C16	5.813	8.417	27203162	153.453	300	ug/ml
Aromatic C16-C21	8.418	12.677	66220264	404.195	500	ug/ml
Aromatic C21-C36	12.678	18.081	7148958	46.813	800	ug/ml
Aromatic EPH	4.094	18.081	104500929	626.756		ug/ml
2-Bromonaphthalene (SURR)	7.372	7.372	622156	4.1		ug/ml
2-Fluorobiphenyl (SURR)	8.224	8.224	286672	2.92		ug/ml
ortho-Terphenyl (SURR)	11.253	11.253	386544	2.27		ug/ml