

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-4	SDG No.:	P4599
Lab Sample ID:	P4599-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014580.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	71.3	E	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	368	E	0.39	1.16	mg/kg
Aromatic C16-C21	Aromatic C16-C21	596	E	1.11	1.93	mg/kg
Aromatic C21-C36	Aromatic C21-C36	29.8		2.31	3.09	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	88.9		40 - 140	178%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	102		40 - 140	205%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.3		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-04	Acq On:	30 Oct 2024 18:34
Client Sample ID:	EX-1-TPH-4	Operator:	YP\AJ
Data file:	FG014580.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	129015495	924.87	200	ug/ml
Aromatic C12-C16	6.390	9.089	694395989	4770	300	ug/ml
Aromatic C16-C21	9.090	13.408	1120039292	7730	500	ug/ml
Aromatic C21-C36	13.409	18.851	54945831	386.565	800	ug/ml
Aromatic EPH	4.519	18.851	1998396607	13800		ug/ml
ortho-Terphenyl (SURR)	11.977	11.977	4637266	31.32		ug/ml
2-Bromonaphthalene (SURR)	8.026	8.026	11156736	88.87		ug/ml
2-Fluorobiphenyl (SURR)	8.909	8.909	8818332	102.38		ug/ml