

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-5		SDG No.:	Q1308
Lab Sample ID:	Q1308-04		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	85.3
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH
Prep Method :				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049055.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.35	U	0.35	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	1.54		0.40	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.52	J	1.12	1.95	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.34	U	2.34	3.12	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	37.7		40 - 140	75%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	27.0		40 - 140	54%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.8		40 - 140	76%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-04	Acq On:	07 Feb 2025 13:08
Client Sample ID:	EX-11-TPH-5	Operator:	YP/AJ
Data file:	FD049055.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	415283	2.675	200	ug/ml
Aromatic C12-C16	5.795	8.398	3194051	19.691	300	ug/ml
Aromatic C16-C21	8.399	12.662	3006287	19.44	500	ug/ml
Aromatic C21-C36	12.663	18.072	2790974	19.585	800	ug/ml
Aromatic EPH	4.076	18.072	9406595	61.391		ug/ml
2-Bromonaphthalene (SURR)	7.353	7.353	5366473	37.71		ug/ml
2-Flurobiphenyl (SURR)	8.204	8.204	2300366	27.04		ug/ml
ortho-Terphenyl (SURR)	11.238	11.238	6217115	37.8		ug/ml