

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-6-TPH-1		SDG No.:	Q1308	
Lab Sample ID:	Q1308-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.3	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015487.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	21.0	E	0.36	0.80	mg/kg
Aromatic C12-C16	Aromatic C12-C16	42.3	E	0.41	1.20	mg/kg
Aromatic C16-C21	Aromatic C16-C21	79.0	E	1.15	2.00	mg/kg
Aromatic C21-C36	Aromatic C21-C36	11.2		2.40	3.20	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.2		40 - 140	106%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.7		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.9		40 - 140	72%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-02	Acq On:	07 Feb 2025 12:05
Client Sample ID:	EX-6-TPH-1	Operator:	YP\AJ
Data file:	FF015487.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	36313777	262.91	200	ug/ml
Aromatic C12-C16	6.375	9.068	70961627	528.914	300	ug/ml
Aromatic C16-C21	9.069	13.385	121834442	988.912	500	ug/ml
Aromatic C21-C36	13.386	18.838	16517786	140.247	800	ug/ml
Aromatic EPH	4.505	18.838	245627632	1920		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	4734048	35.9		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6322700	53.2		ug/ml
2-Fluorobiphenyl (SURR)	8.872	8.872	3318916	43.7		ug/ml