

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-8-TPH-1	SDG No.:	Q1308
Lab Sample ID:	Q1308-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015486.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	12.0		0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	71.3	E	0.38	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	126	E	1.08	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	20.3		2.25	3.00	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.2		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.5		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.6		40 - 140	65%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-01	Acq On:	07 Feb 2025 11:37
Client Sample ID:	EX-8-TPH-1	Operator:	YP\AJ
Data file:	FF015486.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	22142336	160.31	200	ug/ml
Aromatic C12-C16	6.375	9.068	127369900	949.354	300	ug/ml
Aromatic C16-C21	9.069	13.385	207923978	1690	500	ug/ml
Aromatic C21-C36	13.386	18.838	31912975	270.962	800	ug/ml
Aromatic EPH	4.505	18.838	389349189	3070		ug/ml
ortho-Terphenyl (SURR)	11.936	11.936	4295193	32.57		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6678602	56.19		ug/ml
2-Fluorobiphenyl (SURR)	8.873	8.873	3300096	43.46		ug/ml