

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-1DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-01DL	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
FF015497.D	5	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	11.7		1.69	3.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	64.3		1.91	5.63	mg/kg
Aromatic C16-C21	Aromatic C16-C21	128		5.41	9.39	mg/kg
Aromatic C21-C36	Aromatic C21-C36	16.9		11.3	15.0	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	9.92		40 - 140	99%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	6.48		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.76		40 - 140	58%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-01DL	Acq On:	07 Feb 2025 18:15
Client Sample ID:	EX-8-TPH-1DL	Operator:	YP\AJ
Data file:	FF015497.D	Misc:	
Instrument:	FID_F	ALS Vial:	81
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	4314397	31.236	200	ug/ml
Aromatic C12-C16	6.375	9.068	22959151	171.126	300	ug/ml
Aromatic C16-C21	9.069	13.385	42193272	342.476	500	ug/ml
Aromatic C21-C36	13.386	18.838	5290579	44.921	800	ug/ml
Aromatic EPH	4.505	18.838	74757399	589.759		ug/ml
2-Bromonaphthalene (SURR)	7.995	7.995	1179040	9.92		ug/ml
2-Fluorobiphenyl (SURR)	8.871	8.871	492193	6.48		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	760136	5.76		ug/ml