

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 :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 18:56	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	64.9		20	8.56	22.5	mg/kg FE052296.D
Aliphatic C12-C16	Aliphatic C12-C16	217		20	5.41	15.0	mg/kg FE052296.D
Aliphatic C16-C21	Aliphatic C16-C21	120		20	6.76	22.5	mg/kg FE052296.D
Aliphatic C21-C28	Aliphatic C21-C28	15.5		1	0.90	1.50	mg/kg FE052284.D
Aliphatic C28-C40	Aliphatic C28-C40	7.33		1	2.03	2.25	mg/kg FE052284.D
Aromatic C10-C12	Aromatic C10-C12	12.0		1	0.34	0.75	mg/kg FF015486.D
Aromatic C12-C16	Aromatic C12-C16	64.3		5	1.91	5.63	mg/kg FF015497.D
Aromatic C16-C21	Aromatic C16-C21	128		5	5.41	9.39	mg/kg FF015497.D
Aromatic C21-C36	Aromatic C21-C36	20.3		1	2.25	3.00	mg/kg FF015486.D
Total AliphaticEPH	Total AliphaticEPH	425			23.7	63.8	mg/kg
Total AromaticEPH	Total AromaticEPH	225			9.91	18.8	mg/kg
Total EPH	Total EPH	649			33.6	82.5	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052284.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	59.3	E	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	193	E	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	113	E	0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.5		0.90	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.33		2.03	2.25	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.9		40 - 140	58%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-01	Acq On:	07 Feb 2025 11:26
Client Sample ID:	EX-8-TPH-1	Operator:	YP\AJ
Data file:	FE052284.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	75980170	789.943	300	ug/ml
Aliphatic C12-C16	7.236	10.639	270168917	2580	200	ug/ml
Aliphatic C16-C21	10.640	13.984	170474765	1510	300	ug/ml
Aliphatic C21-C28	13.985	17.628	23484115	206.003	400	ug/ml
Aliphatic C28-C40	17.629	22.712	8940874	97.657	600	ug/ml
Aliphatic EPH	3.679	22.712	549048841	5180		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.729	13.729	2846991	28.85		ug/ml
Aliphatic C9-C28	3.679	17.628	540107967	5080	1200	ug/ml