

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-10	SDG No.:	Q1308
Lab Sample ID:	Q1308-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.3
Sample Wt/Vol:	30.07 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	02/10/25 11:00	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	692		100	49.0	129	mg/kg FE052312.D
Aliphatic C12-C16	Aliphatic C12-C16	1340		100	31.0	86.0	mg/kg FE052312.D
Aliphatic C16-C21	Aliphatic C16-C21	472		100	38.7	129	mg/kg FE052312.D
Aliphatic C21-C28	Aliphatic C21-C28	74.4		10	10.3	17.2	mg/kg FE052311.D
Aliphatic C28-C40	Aliphatic C28-C40	39.4		1	2.32	2.58	mg/kg FE052290.D
Aromatic C10-C12	Aromatic C10-C12	122		10	3.87	8.60	mg/kg FF015506.D
Aromatic C12-C16	Aromatic C12-C16	361		20	8.78	25.8	mg/kg FF015507.D
Aromatic C16-C21	Aromatic C16-C21	436		20	24.8	43.0	mg/kg FF015507.D
Aromatic C21-C36	Aromatic C21-C36	46.3		1	2.58	3.44	mg/kg FF015492.D
Total AliphaticEPH	Total AliphaticEPH	2620			131	364	mg/kg
Total AromaticEPH	Total AromaticEPH	965			40.0	80.8	mg/kg
Total EPH	Total EPH	3580			171	445	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052290.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	588	E	0.49	1.29	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1210	E	0.31	0.86	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	401	E	0.39	1.29	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	76.5	E	1.03	1.72	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	39.4		2.32	2.58	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	49.1		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-09	Acq On:	07 Feb 2025 14:27
Client Sample ID:	EX-11-TPH-10	Operator:	YP\AJ
Data file:	FE052290.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	657306922	6830	300	ug/ml
Aliphatic C12-C16	7.236	10.639	1472810704	14100	200	ug/ml
Aliphatic C16-C21	10.640	13.984	527737200	4670	300	ug/ml
Aliphatic C21-C28	13.985	17.628	101403257	889.512	400	ug/ml
Aliphatic C28-C40	17.629	22.712	41879579	457.433	600	ug/ml
Aliphatic EPH	3.679	22.712	2801137662	26900		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.728	13.728	4843224	49.07		ug/ml
Aliphatic C9-C28	3.679	17.628	2759258083	26500	1200	ug/ml