

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-8		SDG No.:	Q1308	
Lab Sample ID:	Q1308-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	93.4	
Sample Wt/Vol:	30.09	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 22:27	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	303		50	20.3	53.4	mg/kg FE052303.D
Aliphatic C12-C16	Aliphatic C12-C16	444		50	12.8	35.6	mg/kg FE052303.D
Aliphatic C16-C21	Aliphatic C16-C21	143		50	16.0	53.4	mg/kg FE052303.D
Aliphatic C21-C28	Aliphatic C21-C28	14.8		1	0.85	1.42	mg/kg FE052288.D
Aliphatic C28-C40	Aliphatic C28-C40	14.3		1	1.92	2.13	mg/kg FE052288.D
Aromatic C10-C12	Aromatic C10-C12	39.9		10	3.20	7.12	mg/kg FF015503.D
Aromatic C12-C16	Aromatic C12-C16	169		10	3.63	10.7	mg/kg FF015503.D
Aromatic C16-C21	Aromatic C16-C21	186		10	10.2	17.8	mg/kg FF015503.D
Aromatic C21-C36	Aromatic C21-C36	17.1		1	2.13	2.85	mg/kg FF015490.D
Total AliphaticEPH	Total AliphaticEPH	919			51.9	146	mg/kg
Total AromaticEPH	Total AromaticEPH	412			19.2	38.5	mg/kg
Total EPH	Total EPH	1330			71.0	184	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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052288.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	258	E	0.41	1.07	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	455	E	0.26	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	130	E	0.32	1.07	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	14.8		0.85	1.42	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	14.3		1.92	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.7		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-07	Acq On:	07 Feb 2025 13:27
Client Sample ID:	EX-11-TPH-8	Operator:	YP\AJ
Data file:	FE052288.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	349486064	3630	300	ug/ml
Aliphatic C12-C16	7.236	10.639	669636249	6390	200	ug/ml
Aliphatic C16-C21	10.640	13.984	206659311	1830	300	ug/ml
Aliphatic C21-C28	13.985	17.628	23719200	208.065	400	ug/ml
Aliphatic C28-C40	17.629	22.712	18377160	200.726	600	ug/ml
Aliphatic EPH	3.679	22.712	1267877984	12300		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.723	13.723	3227545	32.7		ug/ml
Aliphatic C9-C28	3.679	17.628	1249500824	12100	1200	ug/ml