

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:		
Client Sample ID:	EX-11-TPH-5MSD		SDG No.:	Q1308	
Lab Sample ID:	Q1308-04MSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.3	
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 15:33	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.24		1	0.44	1.17	mg/kg FC068235.D
Aliphatic C12-C16	Aliphatic C12-C16	6.46		1	0.28	0.78	mg/kg FC068235.D
Aliphatic C16-C21	Aliphatic C16-C21	8.44		1	0.35	1.17	mg/kg FC068235.D
Aliphatic C21-C28	Aliphatic C21-C28	10.3		1	0.94	1.56	mg/kg FC068235.D
Aliphatic C28-C40	Aliphatic C28-C40	22.6		1	2.10	2.34	mg/kg FC068235.D
Aromatic C10-C12	Aromatic C10-C12	5.11		1	0.35	0.78	mg/kg FD049058.D
Aromatic C12-C16	Aromatic C12-C16	9.43		1	0.40	1.17	mg/kg FD049058.D
Aromatic C16-C21	Aromatic C16-C21	18.5		1	1.12	1.95	mg/kg FD049058.D
Aromatic C21-C36	Aromatic C21-C36	29.5		1	2.34	3.12	mg/kg FD049058.D
Total AliphaticEPH	Total AliphaticEPH	54.0			4.11	7.02	mg/kg
Total AromaticEPH	Total AromaticEPH	62.5			4.21	7.02	mg/kg
Total EPH	Total EPH	117			8.32	14.0	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
FC068235.D	1	02/06/25	02/07/25	PB166603

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Aliphatic C21-C28	Aliphatic C21-C28	10.3		0.94	1.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.6		2.10	2.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.7		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-04MSD	Acq On:	07 Feb 2025 15:33
Client Sample ID:	EX-11-TPH-5MSD	Operator:	YP/AJ
Data file:	FC068235.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	11086761	80.056	300	ug/ml
Aliphatic C12-C16	6.378	9.762	11408986	82.846	200	ug/ml
Aliphatic C16-C21	9.763	13.116	14616520	108.255	300	ug/ml
Aliphatic C21-C28	13.117	16.769	16811089	132.155	400	ug/ml
Aliphatic C28-C40	16.770	21.574	30057596	290.022	600	ug/ml
Aliphatic EPH	3.111	21.574	83980952	693.334		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.847	12.847	4451631	38.71		ug/ml
Aliphatic C9-C28	3.111	16.769	53923356	403.312	1200	ug/ml