

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:		
Client Sample ID:	EX-11-TPH-5MS		SDG No.:	Q1308	
Lab Sample ID:	Q1308-04MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.3	
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	02/07/25 14:56	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.22		1	0.44	1.17	mg/kg FC068234.D
Aliphatic C12-C16	Aliphatic C12-C16	6.29		1	0.28	0.78	mg/kg FC068234.D
Aliphatic C16-C21	Aliphatic C16-C21	8.25		1	0.35	1.17	mg/kg FC068234.D
Aliphatic C21-C28	Aliphatic C21-C28	10.2		1	0.94	1.56	mg/kg FC068234.D
Aliphatic C28-C40	Aliphatic C28-C40	22.5		1	2.11	2.34	mg/kg FC068234.D
Aromatic C10-C12	Aromatic C10-C12	5.11		1	0.35	0.78	mg/kg FD049057.D
Aromatic C12-C16	Aromatic C12-C16	9.45		1	0.40	1.17	mg/kg FD049057.D
Aromatic C16-C21	Aromatic C16-C21	18.6		1	1.12	1.95	mg/kg FD049057.D
Aromatic C21-C36	Aromatic C21-C36	30.7		1	2.34	3.12	mg/kg FD049057.D
Total AliphaticEPH	Total AliphaticEPH	53.5			4.12	7.02	mg/kg
Total AromaticEPH	Total AromaticEPH	63.9			4.21	7.02	mg/kg
Total EPH	Total EPH	117			8.33	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068234.D	1	02/06/25	02/07/25	PB166603

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Aliphatic C21-C28	Aliphatic C21-C28	10.2		0.94	1.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.5		2.11	2.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.1		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-04MS	Acq On:	07 Feb 2025 14:56
Client Sample ID:	EX-11-TPH-5MS	Operator:	YP/AJ
Data file:	FC068234.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	11043388	79.742	300	ug/ml
Aliphatic C12-C16	6.378	9.762	11114302	80.706	200	ug/ml
Aliphatic C16-C21	9.763	13.116	14291848	105.85	300	ug/ml
Aliphatic C21-C28	13.117	16.769	16714407	131.395	400	ug/ml
Aliphatic C28-C40	16.770	21.574	29969001	289.168	600	ug/ml
Aliphatic EPH	3.111	21.574	83132946	686.862		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.847	12.847	4491612	39.06		ug/ml
Aliphatic C9-C28	3.111	16.769	53163945	397.693	1200	ug/ml