

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	North Point		Date Received:		
Client Sample ID:	EX-7-TPH-1MS		SDG No.:	P5002	
Lab Sample ID:	P5002-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.6	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/26/24 10:25	11/27/24 11:12	PB165286

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	82.2	E	1	0.45	1.18	mg/kg	FC067876.D
Aliphatic C12-C16	Aliphatic C12-C16	470	E	1	0.28	0.79	mg/kg	FC067876.D
Aliphatic C16-C21	Aliphatic C16-C21	448	E	1	0.35	1.18	mg/kg	FC067876.D
Aliphatic C21-C28	Aliphatic C21-C28	158	E	1	0.94	1.57	mg/kg	FC067876.D
Aliphatic C28-C40	Aliphatic C28-C40	108	E	1	2.12	2.36	mg/kg	FC067876.D
Aromatic C10-C12	Aromatic C10-C12	19.7	E	1	0.35	0.79	mg/kg	FD048827.D
Aromatic C12-C16	Aromatic C12-C16	170	E	1	0.40	1.18	mg/kg	FD048827.D
Aromatic C16-C21	Aromatic C16-C21	450	E	1	1.13	1.96	mg/kg	FD048827.D
Aromatic C21-C36	Aromatic C21-C36	126	E	1	2.36	3.14	mg/kg	FD048827.D
Total AliphaticEPH	Total AliphaticEPH	1270			4.15	7.08	mg/kg	
Total AromaticEPH	Total AromaticEPH	766			4.25	7.07	mg/kg	
Total EPH	Total EPH	2030			8.39	14.1	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
FC067876.D	1	11/26/24	11/27/24	PB165286

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	82.2	E	0.45	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	470	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	448	E	0.35	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	158	E	0.94	1.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	108	E	2.12	2.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.0		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5002-01MS	Acq On:	27 Nov 2024 11:12
Client Sample ID:	EX-7-TPH-1MS	Operator:	YP/AJ
Data file:	FC067876.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	3.186	6.461	173331318	1050	300	ug/ml
Aliphatic C12-C16	6.462	9.849	1019664802	5980	200	ug/ml
Aliphatic C16-C21	9.850	13.205	966931561	5700	300	ug/ml
Aliphatic C21-C28	13.206	16.857	316982891	2020	400	ug/ml
Aliphatic C28-C40	16.858	21.700	167223893	1380	600	ug/ml
Aliphatic EPH	3.186	21.700	2644134465	16100		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.949	12.949	6393016	44.04		ug/ml
Aliphatic C9-C28	3.186	16.857	2476910572	14700	1200	ug/ml