

Report of Analysis

Client:	ENTACT		Date Collected:	11/13/24	
Project:	North Point		Date Received:	11/13/24	
Client Sample ID:	EX-4-TPH-6		SDG No.:	P4839	
Lab Sample ID:	P4839-22		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.5	
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
11/16/24 09:30	11/18/24 12:55	PB165032

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.72	J	1	0.42	1.11	mg/kg	FC067804.D
Aliphatic C12-C16	Aliphatic C12-C16	0.90		1	0.27	0.74	mg/kg	FC067804.D
Aliphatic C16-C21	Aliphatic C16-C21	0.33	U	1	0.33	1.11	mg/kg	FC067804.D
Aliphatic C21-C28	Aliphatic C21-C28	0.89	U	1	0.89	1.49	mg/kg	FC067804.D
Aliphatic C28-C40	Aliphatic C28-C40	7.11		1	2.01	2.23	mg/kg	FC067804.D
Aromatic C10-C12	Aromatic C10-C12	0.33	U	1	0.33	0.74	mg/kg	FD048763.D
Aromatic C12-C16	Aromatic C12-C16	0.53	J	1	0.38	1.11	mg/kg	FD048763.D
Aromatic C16-C21	Aromatic C16-C21	1.10	J	1	1.07	1.86	mg/kg	FD048763.D
Aromatic C21-C36	Aromatic C21-C36	2.23	U	1	2.23	2.97	mg/kg	FD048763.D
Total AliphaticEPH	Total AliphaticEPH	8.73			3.93	6.68	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.01	U		4.01	6.68	mg/kg	
Total EPH	Total EPH	10.4	J		7.94	13.4	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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Analytical Method:	NJEPH	% Solid:	89.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067804.D	1	11/16/24	11/18/24	PB165032

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.72	J	0.42	1.11	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.90		0.27	0.74	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.33	U	0.33	1.11	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.89	U	0.89	1.49	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.11		2.01	2.23	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.9		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-22	Acq On:	18 Nov 2024 12:55
Client Sample ID:	EX-4-TPH-6	Operator:	YP/AJ
Data file:	FC067804.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	3.172	6.448	1609319	9.707	300	ug/ml
Aliphatic C12-C16	6.449	9.838	2064778	12.118	200	ug/ml
Aliphatic C16-C21	9.839	13.196	734222	4.329	300	ug/ml
Aliphatic C21-C28	13.197	16.850	1514045	9.626	400	ug/ml
Aliphatic C28-C40	16.851	21.691	11590547	95.702	600	ug/ml
Aliphatic EPH	3.172	21.691	17512911	131.482		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	5942400	40.94		ug/ml
Aliphatic C9-C28	3.172	16.850	5922364	35.78	1200	ug/ml