

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-4-TPH-4	SDG No.:	P4839
Lab Sample ID:	P4839-20	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/14/24 14:15	11/15/24 20:50	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.45	U	1	0.45	1.19	mg/kg	FE051274.D
Aliphatic C12-C16	Aliphatic C12-C16	1.12		1	0.28	0.79	mg/kg	FE051274.D
Aliphatic C16-C21	Aliphatic C16-C21	0.86	J	1	0.36	1.19	mg/kg	FE051274.D
Aliphatic C21-C28	Aliphatic C21-C28	0.95	U	1	0.95	1.58	mg/kg	FE051274.D
Aliphatic C28-C40	Aliphatic C28-C40	5.14		1	2.14	2.38	mg/kg	FE051274.D
Aromatic C10-C12	Aromatic C10-C12	0.37	J	1	0.36	0.79	mg/kg	FF015066.D
Aromatic C12-C16	Aromatic C12-C16	0.50	J	1	0.40	1.19	mg/kg	FF015066.D
Aromatic C16-C21	Aromatic C16-C21	2.75		1	1.14	1.98	mg/kg	FF015066.D
Aromatic C21-C36	Aromatic C21-C36	2.38	U	1	2.38	3.17	mg/kg	FF015066.D
Total AliphaticEPH	Total AliphaticEPH	7.12	J		4.18	7.13	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.28	U		4.28	7.13	mg/kg	
Total EPH	Total EPH	10.7	J		8.47	14.3	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

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Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051274.D	1	11/14/24	11/15/24	PB164996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Aliphatic C21-C28	Aliphatic C21-C28	0.95	U	0.95	1.58	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.14		2.14	2.38	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	53.9		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-20	Acq On:	15 Nov 2024 20:50
Client Sample ID:	EX-4-TPH-4	Operator:	YP\AJ
Data file:	FE051274.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.134	6.753	655916	4.688	300	ug/ml
Aliphatic C12-C16	6.754	10.185	1988284	14.138	200	ug/ml
Aliphatic C16-C21	10.186	13.544	1494914	10.851	300	ug/ml
Aliphatic C21-C28	13.545	17.200	1572990	11.743	400	ug/ml
Aliphatic C28-C40	17.201	22.043	8356255	64.904	600	ug/ml
Aliphatic EPH	3.134	22.043	14068359	106.323		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.281	13.281	6123814	53.94		ug/ml
Aliphatic C9-C28	3.134	17.200	5712104	41.42	1200	ug/ml