

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-10-TPH-3	SDG No.:	P4839
Lab Sample ID:	P4839-16	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.6
Sample Wt/Vol:	30.09	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 18:49	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.71	J	1	0.49	1.28	mg/kg	FE051270.D
Aliphatic C12-C16	Aliphatic C12-C16	2.16		1	0.31	0.86	mg/kg	FE051270.D
Aliphatic C16-C21	Aliphatic C16-C21	1.15	J	1	0.39	1.28	mg/kg	FE051270.D
Aliphatic C21-C28	Aliphatic C21-C28	1.03	U	1	1.03	1.71	mg/kg	FE051270.D
Aliphatic C28-C40	Aliphatic C28-C40	5.94		1	2.31	2.57	mg/kg	FE051270.D
Aromatic C10-C12	Aromatic C10-C12	0.39	U	1	0.39	0.86	mg/kg	FF015062.D
Aromatic C12-C16	Aromatic C12-C16	3.25		1	0.44	1.28	mg/kg	FF015062.D
Aromatic C16-C21	Aromatic C16-C21	2.53		1	1.23	2.14	mg/kg	FF015062.D
Aromatic C21-C36	Aromatic C21-C36	2.57	U	1	2.57	3.43	mg/kg	FF015062.D
Total AliphaticEPH	Total AliphaticEPH	9.96			4.52	7.70	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.78	J		4.62	7.71	mg/kg	
Total EPH	Total EPH	15.7			9.14	15.4	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

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Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051270.D	1	11/14/24	11/15/24	PB164996

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.71	J	0.49	1.28	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.16		0.31	0.86	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1.15	J	0.39	1.28	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.03	U	1.03	1.71	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.94		2.31	2.57	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.4		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-16	Acq On:	15 Nov 2024 18:49
Client Sample ID:	EX-10-TPH-3	Operator:	YP\AJ
Data file:	FE051270.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.134	6.753	1161677	8.303	300	ug/ml
Aliphatic C12-C16	6.754	10.185	3552711	25.262	200	ug/ml
Aliphatic C16-C21	10.186	13.544	1851111	13.436	300	ug/ml
Aliphatic C21-C28	13.545	17.200	924808	6.904	400	ug/ml
Aliphatic C28-C40	17.201	22.043	8934876	69.398	600	ug/ml
Aliphatic EPH	3.134	22.043	16425183	123.303		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.278	13.278	3673742	32.36		ug/ml
Aliphatic C9-C28	3.134	17.200	7490307	53.905	1200	ug/ml