

Report of Analysis

Client:	ENTACT	Date Collected:	11/13/24
Project:	North Point	Date Received:	11/13/24
Client Sample ID:	EX-9-TPH-11	SDG No.:	P4839
Lab Sample ID:	P4839-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
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
11/14/24 14:15	11/18/24 10:21	PB164996

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	41.7		5	2.19	5.77	mg/kg FE051302.D
Aliphatic C12-C16	Aliphatic C12-C16	69.2		5	1.39	3.85	mg/kg FE051302.D
Aliphatic C16-C21	Aliphatic C16-C21	3.97		1	0.35	1.15	mg/kg FE051264.D
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	1	0.92	1.54	mg/kg FE051264.D
Aliphatic C28-C40	Aliphatic C28-C40	4.51		1	2.08	2.31	mg/kg FE051264.D
Aromatic C10-C12	Aromatic C10-C12	8.82		1	0.35	0.77	mg/kg FF015056.D
Aromatic C12-C16	Aromatic C12-C16	18.8		1	0.39	1.15	mg/kg FF015056.D
Aromatic C16-C21	Aromatic C16-C21	9.66		1	1.11	1.92	mg/kg FF015056.D
Aromatic C21-C36	Aromatic C21-C36	2.31	U	1	2.31	3.08	mg/kg FF015056.D
Total AliphaticEPH	Total AliphaticEPH	119			6.93	14.6	mg/kg
Total AromaticEPH	Total AromaticEPH	37.3			4.16	6.92	mg/kg
Total EPH	Total EPH	157			11.1	21.5	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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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
FE051264.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	34.4	E	0.44	1.15	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	57.5	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	3.97		0.35	1.15	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	0.92	1.54	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.51		2.08	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.3		40 - 140	61%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4839-03	Acq On:	15 Nov 2024 15:48
Client Sample ID:	EX-9-TPH-11	Operator:	YP\AJ
Data file:	FE051264.D	Misc:	
Instrument:	FID_E	ALS Vial:	8
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.134	6.753	62570120	447.202	300	ug/ml
Aliphatic C12-C16	6.754	10.185	105058812	747.029	200	ug/ml
Aliphatic C16-C21	10.186	13.544	7096959	51.514	300	ug/ml
Aliphatic C21-C28	13.545	17.200	1417879	10.585	400	ug/ml
Aliphatic C28-C40	17.201	22.043	7540223	58.566	600	ug/ml
Aliphatic EPH	3.134	22.043	183683993	1310		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.280	13.280	3437228	30.28		ug/ml
Aliphatic C9-C28	3.134	17.200	176143770	1260	1200	ug/ml