

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-2		SDG No.:	P4721	
Lab Sample ID:	P4721-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.5	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/08/24 21:39	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	1.41		1	0.44	1.17	mg/kg	FE051131.D
Aliphatic C12-C16	Aliphatic C12-C16	2.33		1	0.28	0.78	mg/kg	FE051131.D
Aliphatic C16-C21	Aliphatic C16-C21	1.48		1	0.35	1.17	mg/kg	FE051131.D
Aliphatic C21-C28	Aliphatic C21-C28	0.93	U	1	0.93	1.56	mg/kg	FE051131.D
Aliphatic C28-C40	Aliphatic C28-C40	12.1		1	2.10	2.34	mg/kg	FE051131.D
Aromatic C10-C12	Aromatic C10-C12	0.65	J	1	0.35	0.78	mg/kg	FF014979.D
Aromatic C12-C16	Aromatic C12-C16	1.23		1	0.40	1.17	mg/kg	FF014979.D
Aromatic C16-C21	Aromatic C16-C21	3.88		1	1.12	1.95	mg/kg	FF014979.D
Aromatic C21-C36	Aromatic C21-C36	2.34	U	1	2.34	3.11	mg/kg	FF014979.D
Total AliphaticEPH	Total AliphaticEPH	17.3			4.11	7.02	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.76	J		4.21	7.01	mg/kg	
Total EPH	Total EPH	23.1			8.31	14.0	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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Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051131.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1.41		0.44	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.33		0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1.48		0.35	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.93	U	0.93	1.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.1		2.10	2.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.2		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-09	Acq On:	08 Nov 2024 21:39
Client Sample ID:	EX-9-TPH-2	Operator:	YP\AJ
Data file:	FE051131.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	2533407	18.107	300	ug/ml
Aliphatic C12-C16	6.759	10.191	4201651	29.876	200	ug/ml
Aliphatic C16-C21	10.192	13.550	2626518	19.065	300	ug/ml
Aliphatic C21-C28	13.551	17.206	1308801	9.771	400	ug/ml
Aliphatic C28-C40	17.207	22.053	20051290	155.74	600	ug/ml
Aliphatic EPH	3.140	22.053	30721667	232.559		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.285	13.285	4332840	38.16		ug/ml
Aliphatic C9-C28	3.140	17.206	10670377	76.819	1200	ug/ml