

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-10		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.2	
Sample Wt/Vol:	30.03	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 19:38	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	3.43		1	0.45	1.17	mg/kg FE051127.D
Aliphatic C12-C16	Aliphatic C12-C16	10.9		1	0.28	0.78	mg/kg FE051127.D
Aliphatic C16-C21	Aliphatic C16-C21	8.32		1	0.35	1.17	mg/kg FE051127.D
Aliphatic C21-C28	Aliphatic C21-C28	0.96	J	1	0.94	1.56	mg/kg FE051127.D
Aliphatic C28-C40	Aliphatic C28-C40	11.2		1	2.11	2.35	mg/kg FE051127.D
Aromatic C10-C12	Aromatic C10-C12	1.34		1	0.35	0.78	mg/kg FF014980.D
Aromatic C12-C16	Aromatic C12-C16	8.39		1	0.40	1.17	mg/kg FF014980.D
Aromatic C16-C21	Aromatic C16-C21	14.1		1	1.13	1.95	mg/kg FF014980.D
Aromatic C21-C36	Aromatic C21-C36	2.35	U	1	2.35	3.13	mg/kg FF014980.D
Total AliphaticEPH	Total AliphaticEPH	34.8			4.13	7.03	mg/kg
Total AromaticEPH	Total AromaticEPH	23.8			4.23	7.03	mg/kg
Total EPH	Total EPH	58.6			8.36	14.1	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
FE051127.D	1	11/08/24	11/08/24	PB164790

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Aliphatic C9-C12	Aliphatic C9-C12	3.43		0.45	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	10.9		0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.32		0.35	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.96	J	0.94	1.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.2		2.11	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.7		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:	P4721-10	Acq On:	08 Nov 2024 19:38
Client Sample ID:	EX-9-TPH-3	Operator:	YP\AJ
Data file:	FE051127.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	6147416	43.937	300	ug/ml
Aliphatic C12-C16	6.759	10.191	19558473	139.072	200	ug/ml
Aliphatic C16-C21	10.192	13.550	14656994	106.389	300	ug/ml
Aliphatic C21-C28	13.551	17.206	1635832	12.212	400	ug/ml
Aliphatic C28-C40	17.207	22.053	18478011	143.52	600	ug/ml
Aliphatic EPH	3.140	22.053	60476726	445.13		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.286	13.286	3707687	32.66		ug/ml
Aliphatic C9-C28	3.140	17.206	41998715	301.61	1200	ug/ml