

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

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

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.59	J	1	0.45	1.19	mg/kg	FE051130.D
Aliphatic C12-C16	Aliphatic C12-C16	1.06		1	0.29	0.80	mg/kg	FE051130.D
Aliphatic C16-C21	Aliphatic C16-C21	0.77	J	1	0.36	1.19	mg/kg	FE051130.D
Aliphatic C21-C28	Aliphatic C21-C28	1.14	J	1	0.95	1.59	mg/kg	FE051130.D
Aliphatic C28-C40	Aliphatic C28-C40	19.4		1	2.15	2.38	mg/kg	FE051130.D
Aromatic C10-C12	Aromatic C10-C12	0.43	J	1	0.36	0.80	mg/kg	FF014978.D
Aromatic C12-C16	Aromatic C12-C16	0.64	J	1	0.41	1.19	mg/kg	FF014978.D
Aromatic C16-C21	Aromatic C16-C21	7.11		1	1.14	1.99	mg/kg	FF014978.D
Aromatic C21-C36	Aromatic C21-C36	2.45	J	1	2.38	3.18	mg/kg	FF014978.D
Total AliphaticEPH	Total AliphaticEPH	23.0			4.20	7.14	mg/kg	
Total AromaticEPH	Total AromaticEPH	10.6			4.28	7.16	mg/kg	
Total EPH	Total EPH	33.6			8.48	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

D = Dilution

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Lab Sample ID:	P4721-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.7	
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
FE051130.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	0.59	J	0.45	1.19	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.06		0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.77	J	0.36	1.19	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.14	J	0.95	1.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.4		2.15	2.38	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.2		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-08	Acq On:	08 Nov 2024 21:08
Client Sample ID:	EX-9-TPH-1	Operator:	YP\AJ
Data file:	FE051130.D	Misc:	
Instrument:	FID_E	ALS Vial:	30
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	1044197	7.463	300	ug/ml
Aliphatic C12-C16	6.759	10.191	1881201	13.376	200	ug/ml
Aliphatic C16-C21	10.192	13.550	1332302	9.671	300	ug/ml
Aliphatic C21-C28	13.551	17.206	1916409	14.307	400	ug/ml
Aliphatic C28-C40	17.207	22.053	31452685	244.296	600	ug/ml
Aliphatic EPH	3.140	22.053	37626794	289.113		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.285	13.285	4220598	37.18		ug/ml
Aliphatic C9-C28	3.140	17.206	6174109	44.817	1200	ug/ml