

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-5		SDG No.:	P4721	
Lab Sample ID:	P4721-12		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.9	
Sample Wt/Vol:	30.06	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 17:02	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.44	J	1	0.44	1.15	mg/kg	FG014714.D
Aliphatic C12-C16	Aliphatic C12-C16	0.61	J	1	0.28	0.77	mg/kg	FG014714.D
Aliphatic C16-C21	Aliphatic C16-C21	0.35	U	1	0.35	1.15	mg/kg	FG014714.D
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	1	0.92	1.53	mg/kg	FG014714.D
Aliphatic C28-C40	Aliphatic C28-C40	2.07	U	1	2.07	2.30	mg/kg	FG014714.D
Aromatic C10-C12	Aromatic C10-C12	0.35	J	1	0.35	0.77	mg/kg	FF014982.D
Aromatic C12-C16	Aromatic C12-C16	0.45	J	1	0.39	1.15	mg/kg	FF014982.D
Aromatic C16-C21	Aromatic C16-C21	2.42		1	1.10	1.91	mg/kg	FF014982.D
Aromatic C21-C36	Aromatic C21-C36	2.30	U	1	2.30	3.06	mg/kg	FF014982.D
Total AliphaticEPH	Total AliphaticEPH	4.05	U		4.05	6.90	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.13	U		4.13	6.89	mg/kg	
Total EPH	Total EPH	8.18	U		8.18	13.8	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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Analytical Method:	NJEPH		% Solid:	86.9	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014982.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.35	J	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.45	J	0.39	1.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.42		1.10	1.91	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.30	U	2.30	3.06	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.0		40 - 140	102%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.7		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.6		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-12	Acq On:	08 Nov 2024 20:49
Client Sample ID:	EX-9-TPH-5	Operator:	YP\AJ
Data file:	FF014982.D	Misc:	
Instrument:	FID_F	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	710067	4.594	200	ug/ml
Aromatic C12-C16	6.366	8.961	899352	5.857	300	ug/ml
Aromatic C16-C21	8.962	13.378	4484950	31.563	500	ug/ml
Aromatic C21-C36	13.379	18.826	3004399	21.765	800	ug/ml
Aromatic EPH	4.496	18.826	9098768	63.778		ug/ml
2-Bromonaphthalene (SURR)	7.995	7.995	6788370	51.01		ug/ml
2-Fluorobiphenyl (SURR)	8.869	8.869	4428729	49.66		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	4658557	31.63		ug/ml