

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-7	SDG No.:	P4721
Lab Sample ID:	P4721-14	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
Sample Wt/Vol:	30.04	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	11/11/24 10:50	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	344		25	10.9	28.8	mg/kg FG014725.D
Aliphatic C12-C16	Aliphatic C12-C16	300		25	6.90	19.2	mg/kg FG014725.D
Aliphatic C16-C21	Aliphatic C16-C21	21.0		1	0.35	1.15	mg/kg FG014716.D
Aliphatic C21-C28	Aliphatic C21-C28	1.03	J	1	0.92	1.53	mg/kg FG014716.D
Aliphatic C28-C40	Aliphatic C28-C40	2.07	U	1	2.07	2.30	mg/kg FG014716.D
Aromatic C10-C12	Aromatic C10-C12	531		50	17.3	38.4	mg/kg FF014995.D
Aromatic C12-C16	Aromatic C12-C16	230		50	19.6	57.5	mg/kg FF014995.D
Aromatic C16-C21	Aromatic C16-C21	49.6		2	2.21	3.84	mg/kg FF014994.D
Aromatic C21-C36	Aromatic C21-C36	2.30	U	1	2.30	3.07	mg/kg FF014984.D
Total AliphaticEPH	Total AliphaticEPH	666			21.1	53.0	mg/kg
Total AromaticEPH	Total AromaticEPH	811			41.4	103	mg/kg
Total EPH	Total EPH	1480			62.5	156	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:	86.8	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014984.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	380	E	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	180	E	0.39	1.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	48.9	E	1.10	1.92	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.30	U	2.30	3.07	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	66.6		40 - 140	133%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	61.5		40 - 140	123%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.4		40 - 140	53%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-14	Acq On:	08 Nov 2024 21:45
Client Sample ID:	EX-9-TPH-7	Operator:	YP\AJ
Data file:	FF014984.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	767676576	4970	200	ug/ml
Aromatic C12-C16	6.366	8.961	361270134	2350	300	ug/ml
Aromatic C16-C21	8.962	13.378	90512075	636.977	500	ug/ml
Aromatic C21-C36	13.379	18.826	3850024	27.89	800	ug/ml
Aromatic EPH	4.496	18.826	1223308809	7980		ug/ml
2-Bromonaphthalene (SURR)	8.000	8.000	8865715	66.62		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	5486583	61.52		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	3895106	26.45		ug/ml