

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-8		SDG No.:	P4721	
Lab Sample ID:	P4721-15		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.2	
Sample Wt/Vol:	30.08	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 18:27	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.57	J	1	0.44	1.14	mg/kg	FG014717.D
Aliphatic C12-C16	Aliphatic C12-C16	2.42		1	0.27	0.76	mg/kg	FG014717.D
Aliphatic C16-C21	Aliphatic C16-C21	1.38		1	0.34	1.14	mg/kg	FG014717.D
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	1	0.92	1.52	mg/kg	FG014717.D
Aliphatic C28-C40	Aliphatic C28-C40	2.06	U	1	2.06	2.29	mg/kg	FG014717.D
Aromatic C10-C12	Aromatic C10-C12	0.37	J	1	0.34	0.76	mg/kg	FF014975.D
Aromatic C12-C16	Aromatic C12-C16	3.45		1	0.39	1.14	mg/kg	FF014975.D
Aromatic C16-C21	Aromatic C16-C21	2.84		1	1.10	1.91	mg/kg	FF014975.D
Aromatic C21-C36	Aromatic C21-C36	2.29	U	1	2.29	3.05	mg/kg	FF014975.D
Total AliphaticEPH	Total AliphaticEPH	4.38	J		4.03	6.85	mg/kg	
Total AromaticEPH	Total AromaticEPH	6.66	J		4.12	6.86	mg/kg	
Total EPH	Total EPH	11.0	J		8.15	13.7	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:	P4721-15		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.2	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014975.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	0.37	J	0.34	0.76	mg/kg
Aromatic C12-C16	Aromatic C12-C16	3.45		0.39	1.14	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.84		1.10	1.91	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.29	U	2.29	3.05	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	43.1		40 - 140	86%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.9		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	22.5		40 - 140	45%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-15	Acq On:	08 Nov 2024 17:30
Client Sample ID:	EX-9-TPH-8	Operator:	YP\AJ
Data file:	FF014975.D	Misc:	
Instrument:	FID_F	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	743031	4.807	200	ug/ml
Aromatic C12-C16	6.366	8.961	6947943	45.246	300	ug/ml
Aromatic C16-C21	8.962	13.378	5297578	37.282	500	ug/ml
Aromatic C21-C36	13.379	18.826	1979071	14.337	800	ug/ml
Aromatic EPH	4.496	18.826	14967623	101.671		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	5729888	43.06		ug/ml
2-Fluorobiphenyl (SURR)	8.868	8.868	3824996	42.89		ug/ml
ortho-Terphenyl (SURR)	11.929	11.929	3308855	22.47		ug/ml