

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-6	SDG No.:	P4721
Lab Sample ID:	P4721-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.6
Sample Wt/Vol:	30.02	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 17:30	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.63	J	1	0.45	1.20	mg/kg	FG014715.D
Aliphatic C12-C16	Aliphatic C12-C16	0.90		1	0.29	0.80	mg/kg	FG014715.D
Aliphatic C16-C21	Aliphatic C16-C21	0.60	J	1	0.36	1.20	mg/kg	FG014715.D
Aliphatic C21-C28	Aliphatic C21-C28	0.96	U	1	0.96	1.59	mg/kg	FG014715.D
Aliphatic C28-C40	Aliphatic C28-C40	2.15	U	1	2.15	2.39	mg/kg	FG014715.D
Aromatic C10-C12	Aromatic C10-C12	0.49	J	1	0.36	0.80	mg/kg	FF014983.D
Aromatic C12-C16	Aromatic C12-C16	0.60	J	1	0.41	1.20	mg/kg	FF014983.D
Aromatic C16-C21	Aromatic C16-C21	2.27		1	1.15	1.99	mg/kg	FF014983.D
Aromatic C21-C36	Aromatic C21-C36	2.39	U	1	2.39	3.19	mg/kg	FF014983.D
Total AliphaticEPH	Total AliphaticEPH	4.21	U		4.21	7.18	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.30	U		4.30	7.18	mg/kg	
Total EPH	Total EPH	8.51	U		8.51	14.4	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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Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014983.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	0.49	J	0.36	0.80	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.60	J	0.41	1.20	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.27		1.15	1.99	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.39	U	2.39	3.19	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	42.2		40 - 140	84%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.5		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.1		40 - 140	42%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-13	Acq On:	08 Nov 2024 21:17
Client Sample ID:	EX-9-TPH-6	Operator:	YP\AJ
Data file:	FF014983.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	958574	6.202	200	ug/ml
Aromatic C12-C16	6.366	8.961	1153015	7.509	300	ug/ml
Aromatic C16-C21	8.962	13.378	4046021	28.474	500	ug/ml
Aromatic C21-C36	13.379	18.826	2523675	18.282	800	ug/ml
Aromatic EPH	4.496	18.826	8681285	60.466		ug/ml
2-Bromonaphthalene (SURR)	7.994	7.994	5614472	42.19		ug/ml
2-Fluorobiphenyl (SURR)	8.869	8.869	3790854	42.5		ug/ml
ortho-Terphenyl (SURR)	11.929	11.929	3112087	21.13		ug/ml