

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.4
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	11/11/24 10:22	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	46.0		10	4.25	11.2	mg/kg FG014724.D
Aliphatic C12-C16	Aliphatic C12-C16	69.0		10	2.68	7.45	mg/kg FG014724.D
Aliphatic C16-C21	Aliphatic C16-C21	8.99		1	0.34	1.12	mg/kg FG014713.D
Aliphatic C21-C28	Aliphatic C21-C28	1.19	J	1	0.89	1.49	mg/kg FG014713.D
Aliphatic C28-C40	Aliphatic C28-C40	2.43		1	2.01	2.24	mg/kg FG014713.D
Aromatic C10-C12	Aromatic C10-C12	10.4		1	0.34	0.75	mg/kg FF014981.D
Aromatic C12-C16	Aromatic C12-C16	20.8		1	0.38	1.12	mg/kg FF014981.D
Aromatic C16-C21	Aromatic C16-C21	14.3		1	1.07	1.86	mg/kg FF014981.D
Aromatic C21-C36	Aromatic C21-C36	2.24	U	1	2.24	2.98	mg/kg FF014981.D
Total AliphaticEPH	Total AliphaticEPH	128			10.2	23.5	mg/kg
Total AromaticEPH	Total AromaticEPH	45.5			4.03	6.71	mg/kg
Total EPH	Total EPH	173			14.2	30.2	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:	89.4	
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
FF014981.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	10.4		0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	20.8		0.38	1.12	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.3		1.07	1.86	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.24	U	2.24	2.98	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	62.6		40 - 140	125%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	60.8		40 - 140	122%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.1		40 - 140	82%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-11	Acq On:	08 Nov 2024 20:20
Client Sample ID:	EX-9-TPH-4	Operator:	YP\AJ
Data file:	FF014981.D	Misc:	
Instrument:	FID_F	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	21486127	139.006	200	ug/ml
Aromatic C12-C16	6.366	8.961	42875315	279.207	300	ug/ml
Aromatic C16-C21	8.962	13.378	27177959	191.264	500	ug/ml
Aromatic C21-C36	13.379	18.826	3696033	26.775	800	ug/ml
Aromatic EPH	4.496	18.826	95235434	636.253		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	8331128	62.6		ug/ml
2-Fluorobiphenyl (SURR)	8.872	8.872	5426343	60.84		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	6054973	41.11		ug/ml