

Report of Analysis

Client:	G Environmental	Date Collected:	09/24/25
Project:	TGP	Date Received:	09/24/25
Client Sample ID:	RB105	SDG No.:	Q3192
Lab Sample ID:	Q3192-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
09/25/25 08:15	09/25/25 16:20	PB169823

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	1.21		1	0.15	1.06	mg/kg FG016649.D
Aliphatic C12-C16	Aliphatic C12-C16	4.76		1	0.12	0.71	mg/kg FG016649.D
Aliphatic C16-C21	Aliphatic C16-C21	14.1		1	0.14	1.06	mg/kg FG016649.D
Aliphatic C21-C28	Aliphatic C21-C28	216		20	11.3	28.4	mg/kg FG016652.D
Aliphatic C28-C40	Aliphatic C28-C40	536		20	25.1	42.6	mg/kg FG016652.D
Aromatic C10-C12	Aromatic C10-C12	0.81		1	0.13	0.71	mg/kg FF016453.D
Aromatic C12-C16	Aromatic C12-C16	2.56		1	0.25	1.06	mg/kg FF016453.D
Aromatic C16-C21	Aromatic C16-C21	14.9		1	0.43	1.77	mg/kg FF016453.D
Aromatic C21-C36	Aromatic C21-C36	35.7		1	1.27	2.84	mg/kg FF016453.D
Total AliphaticEPH	Total AliphaticEPH	772			36.8	73.8	mg/kg
Total AromaticEPH	Total AromaticEPH	54.0			2.07	6.38	mg/kg
Total EPH	Total EPH	826			38.9	80.2	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:	93.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016453.D	1	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.81		0.13	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	2.56		0.25	1.06	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.9		0.43	1.77	mg/kg
Aromatic C21-C36	Aromatic C21-C36	35.7		1.27	2.84	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.9		40 - 140	108%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.4		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.4		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3192-02	Acq On:	25 Sep 2025 16:20
Client Sample ID:	RB105	Operator:	YP\AJ
Data file:	FF016453.D	Misc:	
Instrument:	FID_F	ALS Vial:	82
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.521	6.398	1627019	11.352	200	ug/ml
Aromatic C12-C16	6.399	9.102	5238375	36.081	300	ug/ml
Aromatic C16-C21	9.103	13.422	30378855	210.711	500	ug/ml
Aromatic C21-C36	13.423	18.876	65811308	503.014	800	ug/ml
Aromatic EPH	4.521	18.876	103055557	761.157		ug/ml
2-Bromonaphthalene (SURR)	8.035	8.035	6747880	53.87		ug/ml
2-Fluorobiphenyl (SURR)	8.912	8.912	4253259	50.43		ug/ml
ortho-Terphenyl (SURR)	11.980	11.980	4787239	31.4		ug/ml