

Report of Analysis

Client:	G Environmental		Date Collected:	09/24/25	
Project:	TGP		Date Received:	09/24/25	
Client Sample ID:	RB104		SDG No.:	Q3192	
Lab Sample ID:	Q3192-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	94.8	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
09/25/25 08:15	09/25/25 15:50	PB169823

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	2.24		1	0.15	1.05	mg/kg FG016648.D
Aliphatic C12-C16	Aliphatic C12-C16	8.38		1	0.12	0.70	mg/kg FG016648.D
Aliphatic C16-C21	Aliphatic C16-C21	8.30		1	0.14	1.05	mg/kg FG016648.D
Aliphatic C21-C28	Aliphatic C21-C28	27.4		1	0.56	1.41	mg/kg FG016648.D
Aliphatic C28-C40	Aliphatic C28-C40	328		10	12.4	21.1	mg/kg FG016650.D
Aromatic C10-C12	Aromatic C10-C12	0.79		1	0.13	0.70	mg/kg FF016452.D
Aromatic C12-C16	Aromatic C12-C16	3.32		1	0.24	1.05	mg/kg FF016452.D
Aromatic C16-C21	Aromatic C16-C21	8.62		1	0.42	1.76	mg/kg FF016452.D
Aromatic C21-C36	Aromatic C21-C36	21.4		1	1.25	2.81	mg/kg FF016452.D
Total AliphaticEPH	Total AliphaticEPH	374			13.4	25.3	mg/kg
Total AromaticEPH	Total AromaticEPH	34.1			2.04	6.32	mg/kg
Total EPH	Total EPH	408			15.4	31.6	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:	Q3192-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016452.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	0.79		0.13	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	3.32		0.24	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	8.62		0.42	1.76	mg/kg
Aromatic C21-C36	Aromatic C21-C36	21.4		1.25	2.81	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.0		40 - 140	100%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	41.1		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.8		40 - 140	58%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3192-01	Acq On:	25 Sep 2025 15:50
Client Sample ID:	RB104	Operator:	YP\AJ
Data file:	FF016452.D	Misc:	
Instrument:	FID_F	ALS Vial:	81
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.521	6.398	1610765	11.239	200	ug/ml
Aromatic C12-C16	6.399	9.102	6866180	47.292	300	ug/ml
Aromatic C16-C21	9.103	13.422	17681995	122.644	500	ug/ml
Aromatic C21-C36	13.423	18.876	39830694	304.437	800	ug/ml
Aromatic EPH	4.521	18.876	65989634	485.612		ug/ml
ortho-Terphenyl (SURR)	11.972	11.972	4382375	28.75		ug/ml
2-Bromonaphthalene (SURR)	8.028	8.028	6260500	49.98		ug/ml
2-Fluorobiphenyl (SURR)	8.903	8.903	3469467	41.14		ug/ml