

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	TGP	Date Received:	
Client Sample ID:	PB169823BS	SDG No.:	Q3192
Lab Sample ID:	PB169823BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049784.D	1	09/25/25	10/01/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.45		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.22		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.6		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	24.7		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	38.3		40 - 140	77%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	38.2		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.0		40 - 140	86%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169823BS	Acq On:	01 Oct 2025 14:56
Client Sample ID:	PB169823BS	Operator:	YP/AJ
Data file:	FD049784.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.388	6.131	7761215	66.875	200	ug/ml
Aromatic C12-C16	6.132	8.760	14719838	108.341	300	ug/ml
Aromatic C16-C21	8.761	13.050	29780380	219.343	500	ug/ml
Aromatic C21-C36	13.051	18.471	43848673	370.588	800	ug/ml
Aromatic EPH	4.388	18.471	96110106	765.147		ug/ml
2-Fluorobiphenyl (SURR)	8.561	8.561	3064968	38.18		ug/ml
ortho-Terphenyl (SURR)	11.610	11.610	6084058	43		ug/ml
2-Bromonaphthalene (SURR)	7.697	7.697	4307044	38.3		ug/ml