

Report of Analysis

Client:	G Environmental	Date Collected:	07/31/25
Project:	Capra	Date Received:	07/31/25
Client Sample ID:	WC1	SDG No.:	Q2743
Lab Sample ID:	Q2743-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049619.D	1	08/11/25	08/12/25	PB169209

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.68	J	0.15	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.70	J	0.29	1.27	mg/kg
Aromatic C16-C21	Aromatic C16-C21	5.38		0.51	2.12	mg/kg
Aromatic C21-C36	Aromatic C21-C36	7.14		1.52	3.40	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	44.1		40 - 140	88%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	44.6		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.6		40 - 140	75%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q2743-01	Acq On:	12 Aug 2025 14:10
Client Sample ID:	WC1	Operator:	YP/AJ
Data file:	FD049619.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.406	6.150	867557	8.037	200	ug/ml
Aromatic C12-C16	6.151	8.778	1016020	8.222	300	ug/ml
Aromatic C16-C21	8.779	13.070	8023852	63.436	500	ug/ml
Aromatic C21-C36	13.071	18.490	9474668	84.131	800	ug/ml
Aromatic EPH	4.406	18.490	19382097	163.826		ug/ml
2-Bromonaphthalene (SURR)	7.715	7.715	4521868	44.12		ug/ml
2-Fluorobiphenyl (SURR)	8.580	8.580	3258700	44.61		ug/ml
ortho-Terphenyl (SURR)	11.627	11.627	4883384	37.62		ug/ml