

Report of Analysis

Client:	Ronald Adams	Date Collected:	
Project:	19 Ashlynn Court	Date Received:	
Client Sample ID:	PB170011BSD	SDG No.:	Q3301
Lab Sample ID:	PB170011BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049830.D	1	10/07/25	10/08/25	PB170011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.77		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.87		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	16.1		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	27.2		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	41.9		40 - 140	84%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	41.8		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.7		40 - 140	95%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB170011BSD	Acq On:	08 Oct 2025 10:06
Client Sample ID:	PB170011BSD	Operator:	YP/AJ
Data file:	FD049830.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.394	6.137	8800128	71.668	200	ug/ml
Aromatic C12-C16	6.138	8.765	16941486	118.175	300	ug/ml
Aromatic C16-C21	8.766	13.056	34399586	241.958	500	ug/ml
Aromatic C21-C36	13.057	18.475	50540693	408.173	800	ug/ml
Aromatic EPH	4.394	18.475	110681893	839.975		ug/ml
ortho-Terphenyl (SURR)	11.615	11.615	7115753	47.67		ug/ml
2-Bromonaphthalene (SURR)	7.703	7.703	4975486	41.88		ug/ml
2-Fluorobiphenyl (SURR)	8.568	8.568	3546519	41.77		ug/ml