

Report of Analysis

Client:	Ronald Adams	Date Collected:	
Project:	19 Ashlynn Court	Date Received:	
Client Sample ID:	SOILMS	SDG No.:	Q3301
Lab Sample ID:	Q3301-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049834.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	51.3	E	0.15	0.82	mg/kg
Aromatic C12-C16	Aromatic C12-C16	239	E	0.28	1.23	mg/kg
Aromatic C16-C21	Aromatic C16-C21	526	E	0.49	2.06	mg/kg
Aromatic C21-C36	Aromatic C21-C36	138	E	1.47	3.29	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	91.9		40 - 140	184%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	67.3		40 - 140	135%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.3		40 - 140	95%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3301-01MS	Acq On:	08 Oct 2025 13:00
Client Sample ID:	SOILMS	Operator:	YP/AJ
Data file:	FD049834.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.394	6.137	76620834	624.002	200	ug/ml
Aromatic C12-C16	6.138	8.765	417846365	2910	300	ug/ml
Aromatic C16-C21	8.766	13.056	910701191	6410	500	ug/ml
Aromatic C21-C36	13.057	18.475	208982689	1690	800	ug/ml
Aromatic EPH	4.394	18.475	1614151079	11600		ug/ml
2-Bromonaphthalene (SURR)	7.711	7.711	10918476	91.89		ug/ml
2-Fluorobiphenyl (SURR)	8.579	8.579	5710282	67.26		ug/ml
ortho-Terphenyl (SURR)	11.626	11.626	7062239	47.31		ug/ml