

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164790BS	SDG No.:	P4718
Lab Sample ID:	PB164790BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048674.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.28		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	6.04		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	12.7		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	20.3		2.00	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	44.8		40 - 140	90%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	34.8		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.5		40 - 140	75%	SPK: 50



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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164790BS	Acq On:	08 Nov 2024 16:55
Client Sample ID:	PB164790BS	Operator:	YP/AJ
Data file:	FD048674.D	Misc:	
Instrument:	FID_D	ALS Vial:	57
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	8675577	49.236	200	ug/ml
Aromatic C12-C16	5.811	8.415	16061219	90.601	300	ug/ml
Aromatic C16-C21	8.416	12.678	31299494	191.046	500	ug/ml
Aromatic C21-C36	12.679	18.083	46599184	305.142	800	ug/ml
Aromatic EPH	4.092	18.083	102635474	636.025		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	6379432	37.45		ug/ml
2-Bromonaphthalene (SURR)	7.369	7.369	6793337	44.76		ug/ml
2-Fluorobiphenyl (SURR)	8.219	8.219	3413584	34.76		ug/ml