

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB165775BS	SDG No.:	P5299
Lab Sample ID:	PB165775BS	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
FD048899.D	1	12/19/24	12/20/24	PB165775

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.61		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.67		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	17.8		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	29.1		2.00	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.1		40 - 140	100%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.0		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.0		40 - 140	90%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB165775BS	Acq On:	20 Dec 2024 11:10
Client Sample ID:	PB165775BS	Operator:	YP/AJ
Data file:	FD048899.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	4.083	5.800	13155513	69.163	200	ug/ml
Aromatic C12-C16	5.801	8.405	24173347	130.046	300	ug/ml
Aromatic C16-C21	8.406	12.669	45164582	266.426	500	ug/ml
Aromatic C21-C36	12.670	18.077	61919189	437.317	800	ug/ml
Aromatic EPH	4.083	18.077	144412631	902.953		ug/ml
ortho-Terphenyl (SURR)	11.247	11.247	7987359	44.96		ug/ml
2-Bromonaphthalene (SURR)	7.361	7.361	8441270	50.12		ug/ml
2-Fluorobiphenyl (SURR)	8.211	8.211	5057775	48.96		ug/ml