

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB165188BS	SDG No.:	P4892
Lab Sample ID:	PB165188BS	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
FD048801.D	1	11/21/24	11/22/24	PB165188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	6.13		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	11.0		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	20.2		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	31.6		2.00	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	55.0		40 - 140	110%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.5		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.1		40 - 140	94%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB165188BS	Acq On:	22 Nov 2024 11:32
Client Sample ID:	PB165188BS	Operator:	YP/AJ
Data file:	FD048801.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	4.088	5.804	17664848	91.996	200	ug/ml
Aromatic C12-C16	5.805	8.412	31634420	164.37	300	ug/ml
Aromatic C16-C21	8.413	12.677	56222020	302.586	500	ug/ml
Aromatic C21-C36	12.678	18.087	74661694	474.853	800	ug/ml
Aromatic EPH	4.088	18.087	180182982	1030		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	9064758	47.13		ug/ml
2-Bromonaphthalene (SURR)	7.368	7.368	9688397	55.03		ug/ml
2-Fluorobiphenyl (SURR)	8.218	8.218	5811070	50.46		ug/ml