

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB165188BSD	SDG No.:	P4892
Lab Sample ID:	PB165188BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FD048802.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	6.10		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	10.9		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	20.0		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	31.4		2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.8		40 - 140	110%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.3		40 - 140	101%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.9		40 - 140	94%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB165188BSD	Acq On:	22 Nov 2024 12:08
Client Sample ID:	PB165188BSD	Operator:	YP/AJ
Data file:	FD048802.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.804	17591283	91.613	200	ug/ml
Aromatic C12-C16	5.805	8.412	31455224	163.439	300	ug/ml
Aromatic C16-C21	8.413	12.677	55908625	300.9	500	ug/ml
Aromatic C21-C36	12.678	18.087	74143343	471.557	800	ug/ml
Aromatic EPH	4.088	18.087	179098475	1030		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	9024478	46.92		ug/ml
2-Bromonaphthalene (SURR)	7.368	7.368	9645156	54.78		ug/ml
2-Fluorobiphenyl (SURR)	8.218	8.218	5788509	50.26		ug/ml