

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-310-BOTMS	SDG No.:	P4892
Lab Sample ID:	P4892-02MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048806.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	6.44		0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	12.3		0.39	1.16	mg/kg
Aromatic C16-C21	Aromatic C16-C21	25.0		1.11	1.93	mg/kg
Aromatic C21-C36	Aromatic C21-C36	42.2		2.32	3.09	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.3		40 - 140	103%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.2		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.6		40 - 140	69%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4892-02MS	Acq On:	22 Nov 2024 14:33
Client Sample ID:	WB-310-BOTMS	Operator:	YP/AJ
Data file:	FD048806.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.804	15991450	83.281	200	ug/ml
Aromatic C12-C16	5.805	8.412	30568391	158.831	300	ug/ml
Aromatic C16-C21	8.413	12.677	59987722	322.853	500	ug/ml
Aromatic C21-C36	12.678	18.087	85719133	545.179	800	ug/ml
Aromatic EPH	4.088	18.087	192266696	1110		ug/ml
2-Bromonaphthalene (SURR)	7.367	7.367	9037965	51.33		ug/ml
2-Fluorobiphenyl (SURR)	8.218	8.218	5777283	50.16		ug/ml
ortho-Terphenyl (SURR)	11.253	11.253	6648422	34.57		ug/ml