

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	WB-310-BOTMSD	SDG No.:	P4892
Lab Sample ID:	P4892-02MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048807.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	6.56		0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	12.5		0.39	1.16	mg/kg
Aromatic C16-C21	Aromatic C16-C21	25.3		1.11	1.93	mg/kg
Aromatic C21-C36	Aromatic C21-C36	42.6		2.32	3.09	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.2		40 - 140	104%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.1		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.1		40 - 140	70%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4892-02MSD	Acq On:	22 Nov 2024 15:09
Client Sample ID:	WB-310-BOTMSD	Operator:	YP/AJ
Data file:	FD048807.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.804	16307997	84.93	200	ug/ml
Aromatic C12-C16	5.805	8.412	31144005	161.822	300	ug/ml
Aromatic C16-C21	8.413	12.677	60816110	327.312	500	ug/ml
Aromatic C21-C36	12.678	18.087	86707849	551.468	800	ug/ml
Aromatic EPH	4.088	18.087	194975961	1130		ug/ml
2-Bromonaphthalene (SURRE)	7.367	7.367	9192847	52.21		ug/ml
2-Fluorobiphenyl (SURRE)	8.218	8.218	5776105	50.15		ug/ml
ortho-Terphenyl (SURRE)	11.254	11.254	6752416	35.11		ug/ml