

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/25/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/25/24
Client Sample ID:	WB-305-TOP	SDG No.:	P4578
Lab Sample ID:	P4578-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	53.8
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
FD048626.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	1.72		0.56	1.24	mg/kg
Aromatic C12-C16	Aromatic C12-C16	1.55	J	0.63	1.86	mg/kg
Aromatic C16-C21	Aromatic C16-C21	5.56		1.78	3.09	mg/kg
Aromatic C21-C36	Aromatic C21-C36	6.03		3.71	4.95	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	45.0		40 - 140	90%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	44.4		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	20.1		40 - 140	40%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4578-03	Acq On:	30 Oct 2024 19:18
Client Sample ID:	WB-305-TOP	Operator:	YP/AJ
Data file:	FD048626.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	2454283	13.929	200	ug/ml
Aromatic C12-C16	5.813	8.417	2225151	12.552	300	ug/ml
Aromatic C16-C21	8.418	12.679	7360344	44.926	500	ug/ml
Aromatic C21-C36	12.680	18.085	7452316	48.799	800	ug/ml
Aromatic EPH	4.094	18.085	19492094	120.206		ug/ml
2-Bromonaphthalene (SURRE)	7.372	7.372	6830901	45.01		ug/ml
2-Fluorobiphenyl (SURRE)	8.221	8.221	4360661	44.41		ug/ml
ortho-Terphenyl (SURRE)	11.255	11.255	3427636	20.12		ug/ml