

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164525BSD	SDG No.:	P4578
Lab Sample ID:	PB164525BSD	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 :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/30/24 18:41	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	5.29		1	0.38	1.00	mg/kg FC067570.D
Aliphatic C12-C16	Aliphatic C12-C16	5.19		1	0.24	0.67	mg/kg FC067570.D
Aliphatic C16-C21	Aliphatic C16-C21	8.92		1	0.30	1.00	mg/kg FC067570.D
Aliphatic C21-C28	Aliphatic C21-C28	12.1		1	0.80	1.33	mg/kg FC067570.D
Aliphatic C28-C40	Aliphatic C28-C40	19.2		1	1.80	2.00	mg/kg FC067570.D
Aromatic C10-C12	Aromatic C10-C12	3.57		1	0.30	0.67	mg/kg FD048625.D
Aromatic C12-C16	Aromatic C12-C16	7.25		1	0.34	1.00	mg/kg FD048625.D
Aromatic C16-C21	Aromatic C16-C21	14.4		1	0.96	1.67	mg/kg FD048625.D
Aromatic C21-C36	Aromatic C21-C36	22.5		1	2.00	2.66	mg/kg FD048625.D
Total AliphaticEPH	Total AliphaticEPH	50.7			3.52	5.99	mg/kg
Total AromaticEPH	Total AromaticEPH	47.7			3.60	6.00	mg/kg
Total EPH	Total EPH	98.4			7.12	12.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164525BSD	SDG No.:	P4578
Lab Sample ID:	PB164525BSD	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
FC067570.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.29		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.19		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.92		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.1		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.2		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	46.0		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164525BSD	Acq On:	30 Oct 2024 18:41
Client Sample ID:	PB164525BSD	Operator:	YP/AJ
Data file:	FC067570.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.174	6.453	10747913	79.338	300	ug/ml
Aliphatic C12-C16	6.454	9.842	10257303	77.895	200	ug/ml
Aliphatic C16-C21	9.843	13.199	17036966	133.901	300	ug/ml
Aliphatic C21-C28	13.200	16.852	21856330	181.999	400	ug/ml
Aliphatic C28-C40	16.853	21.694	29178995	288.635	600	ug/ml
Aliphatic EPH	3.174	21.694	89077507	761.768		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.932	12.932	4963532	45.96		ug/ml
Aliphatic C9-C28	3.174	16.852	59898512	473.133	1200	ug/ml