

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	11/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/15/24
Client Sample ID:	WB-310-TOP	SDG No.:	P4892
Lab Sample ID:	P4892-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	59.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/21/24 08:35	11/22/24 12:44	PB165188

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	1.54	J	1	0.64	1.67	mg/kg	FC067852.D
Aliphatic C12-C16	Aliphatic C12-C16	7.77		1	0.40	1.11	mg/kg	FC067852.D
Aliphatic C16-C21	Aliphatic C16-C21	14.2		1	0.50	1.67	mg/kg	FC067852.D
Aliphatic C21-C28	Aliphatic C21-C28	22.8		1	1.34	2.23	mg/kg	FC067852.D
Aliphatic C28-C40	Aliphatic C28-C40	32.8		1	3.01	3.34	mg/kg	FC067852.D
Aromatic C10-C12	Aromatic C10-C12	0.76	J	1	0.50	1.11	mg/kg	FD048803.D
Aromatic C12-C16	Aromatic C12-C16	7.27		1	0.57	1.67	mg/kg	FD048803.D
Aromatic C16-C21	Aromatic C16-C21	11.3		1	1.60	2.78	mg/kg	FD048803.D
Aromatic C21-C36	Aromatic C21-C36	29.1		1	3.34	4.45	mg/kg	FD048803.D
Total AliphaticEPH	Total AliphaticEPH	79.1			5.89	10.0	mg/kg	
Total AromaticEPH	Total AromaticEPH	48.4			6.01	10.0	mg/kg	
Total EPH	Total EPH	128			11.9	20.0	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:	11/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/15/24
Client Sample ID:	WB-310-TOP	SDG No.:	P4892
Lab Sample ID:	P4892-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	59.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067852.D	1	11/21/24	11/22/24	PB165188

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1.54	J	0.64	1.67	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	7.77		0.40	1.11	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	14.2		0.50	1.67	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	22.8		1.34	2.23	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	32.8		3.01	3.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.0		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4892-01	Acq On:	22 Nov 2024 12:44
Client Sample ID:	WB-310-TOP	Operator:	YP/AJ
Data file:	FC067852.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.186	6.463	2294732	13.841	300	ug/ml
Aliphatic C12-C16	6.464	9.851	11886575	69.763	200	ug/ml
Aliphatic C16-C21	9.852	13.208	21659099	127.691	300	ug/ml
Aliphatic C21-C28	13.209	16.863	32148899	204.405	400	ug/ml
Aliphatic C28-C40	16.864	21.709	35658378	294.426	600	ug/ml
Aliphatic EPH	3.186	21.709	103647683	710.127		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.943	12.943	4795266	33.03		ug/ml
Aliphatic C9-C28	3.186	16.863	67989305	415.7	1200	ug/ml