

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164368BSD	SDG No.:	P4460
Lab Sample ID:	PB164368BSD	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
10/23/24 09:49	10/24/24 12:48	PB164368

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	174		1	5.76	30.0	ug/l	FC067519.D
Aliphatic C12-C16	Aliphatic C12-C16	157		1	3.61	20.0	ug/l	FC067519.D
Aliphatic C16-C21	Aliphatic C16-C21	277		1	5.14	30.0	ug/l	FC067519.D
Aliphatic C21-C28	Aliphatic C21-C28	387		1	8.97	40.0	ug/l	FC067519.D
Aliphatic C28-C40	Aliphatic C28-C40	686		1	17.0	60.0	ug/l	FC067519.D
Aromatic C10-C12	Aromatic C10-C12	174		1	3.32	20.0	ug/l	FD048581.D
Aromatic C12-C16	Aromatic C12-C16	291		1	3.69	30.0	ug/l	FD048581.D
Aromatic C16-C21	Aromatic C16-C21	610		1	12.7	50.0	ug/l	FD048581.D
Aromatic C21-C36	Aromatic C21-C36	923		1	25.2	80.0	ug/l	FD048581.D
Total AliphaticEPH	Total AliphaticEPH	1680			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	2000			44.9	180	ug/l	
Total EPH	Total EPH	3680			85.4	360	ug/l	

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

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Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067519.D	1	10/23/24	10/24/24	PB164368

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TARGETS						
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Aliphatic C12-C16	Aliphatic C12-C16	157		3.61	20.0	ug/l
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Aliphatic C21-C28	Aliphatic C21-C28	387		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	686		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.7		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164368BSD	Acq On:	24 Oct 2024 12:48
Client Sample ID:	PB164368BSD	Operator:	YP/AJ
Data file:	FC067519.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.174	6.454	11793648	87.057	300	ug/ml
Aliphatic C12-C16	6.455	9.844	10341465	78.534	200	ug/ml
Aliphatic C16-C21	9.845	13.202	17653516	138.747	300	ug/ml
Aliphatic C21-C28	13.203	16.857	23249432	193.599	400	ug/ml
Aliphatic C28-C40	16.858	21.703	34680966	343.059	600	ug/ml
Aliphatic EPH	3.174	21.703	97719027	840.997		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.935	12.935	3852811	35.68		ug/ml
Aliphatic C9-C28	3.174	16.857	63038061	497.937	1200	ug/ml