

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164847BS	SDG No.:	P4718
Lab Sample ID:	PB164847BS	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
11/09/24 08:38	11/11/24 15:56	PB164847

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	164		1	5.76	30.0	ug/l	FC067695.D
Aliphatic C12-C16	Aliphatic C12-C16	143		1	3.61	20.0	ug/l	FC067695.D
Aliphatic C16-C21	Aliphatic C16-C21	256		1	5.14	30.0	ug/l	FC067695.D
Aliphatic C21-C28	Aliphatic C21-C28	360		1	8.97	40.0	ug/l	FC067695.D
Aliphatic C28-C40	Aliphatic C28-C40	602		1	17.0	60.0	ug/l	FC067695.D
Aromatic C10-C12	Aromatic C10-C12	106		1	3.32	20.0	ug/l	FD048699.D
Aromatic C12-C16	Aromatic C12-C16	195		1	3.69	30.0	ug/l	FD048699.D
Aromatic C16-C21	Aromatic C16-C21	412		1	12.7	50.0	ug/l	FD048699.D
Aromatic C21-C36	Aromatic C21-C36	669		1	25.2	80.0	ug/l	FD048699.D
Total AliphaticEPH	Total AliphaticEPH	1530			40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	1380			44.9	180	ug/l	
Total EPH	Total EPH	2910			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

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Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067695.D	1	11/09/24	11/11/24	PB164847

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Aliphatic C28-C40	Aliphatic C28-C40	602		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.2		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164847BS	Acq On:	11 Nov 2024 15:56
Client Sample ID:	PB164847BS	Operator:	YP/AJ
Data file:	FC067695.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.170	6.450	11176096	82.499	300	ug/ml
Aliphatic C12-C16	6.451	9.840	9420957	71.543	200	ug/ml
Aliphatic C16-C21	9.841	13.198	16310482	128.192	300	ug/ml
Aliphatic C21-C28	13.199	16.853	21643985	180.231	400	ug/ml
Aliphatic C28-C40	16.854	21.695	30449487	301.202	600	ug/ml
Aliphatic EPH	3.170	21.695	89001007	763.667		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.932	12.932	4338861	40.18		ug/ml
Aliphatic C9-C28	3.170	16.853	58551520	462.465	1200	ug/ml