

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:		
Project:	RFP 905		Date Received:		
Client Sample ID:	Q1421-01MSMS		SDG No.:	Q1421	
Lab Sample ID:	Q1421-02MS		Matrix:	water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	30.07	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068334.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	205		5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	191		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	308		5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	410		8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	721		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.0		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1421-02MS	Acq On:	28 Feb 2025 18:56
Client Sample ID:	Q1421-02MS	Operator:	YP/AJ
Data file:	FC068334.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.104	6.369	14464917	102.562	300	ug/ml
Aliphatic C12-C16	6.370	9.754	13068443	95.631	200	ug/ml
Aliphatic C16-C21	9.755	13.107	20310392	154.298	300	ug/ml
Aliphatic C21-C28	13.108	16.761	25151936	205.002	400	ug/ml
Aliphatic C28-C40	16.762	21.565	37089980	360.634	600	ug/ml
Aliphatic EPH	3.104	21.565	110085668	918.128		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.839	12.839	3447568	29.98		ug/ml
Aliphatic C9-C28	3.104	16.761	72995688	557.493	1200	ug/ml