

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	02/24/25	
Project:	RFP 905		Date Received:	02/24/25	
Client Sample ID:	Q1421-04MSD		SDG No.:	Q1421	
Lab Sample ID:	Q1421-06		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				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049122.D	1	02/26/25	02/27/25	PB166883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	189		3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	308		3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	541		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	837		25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.8		40 - 140	106%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	53.3		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.3		40 - 140	91%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-06	Acq On:	27 Feb 2025 14:40
Client Sample ID:	Q1421-04MSD	Operator:	YP/AJ
Data file:	FD049122.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	15048552	94.633	200	ug/ml
Aromatic C12-C16	5.795	8.397	24789677	154.035	300	ug/ml
Aromatic C16-C21	8.398	12.661	41500637	270.61	500	ug/ml
Aromatic C21-C36	12.662	18.071	59957869	418.95	800	ug/ml
Aromatic EPH	4.076	18.071	141296735	938.227		ug/ml
2-Bromonaphthalene (SURRE)	7.352	7.352	7560353	52.83		ug/ml
2-Fluorobiphenyl (SURRE)	8.203	8.203	4683693	53.28		ug/ml
ortho-Terphenyl (SURRE)	11.237	11.237	7325391	45.28		ug/ml