

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P4620-25MSD		SDG No.:	P4620	
Lab Sample ID:	P4620-27		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
FF014918.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	154		3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	250		3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	446		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	644		25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	44.6		40 - 140	89%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.8		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.6		40 - 140	83%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-27	Acq On:	04 Nov 2024 17:21
Client Sample ID:	P4620-25MSD	Operator:	YP\AJ
Data file:	FF014918.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	12087948	77.444	200	ug/ml
Aromatic C12-C16	6.373	9.064	20025756	125.459	300	ug/ml
Aromatic C16-C21	9.065	13.375	34675931	223.16	500	ug/ml
Aromatic C21-C36	13.376	18.817	47809626	322.071	800	ug/ml
Aromatic EPH	4.508	18.817	114599261	748.133		ug/ml
ortho-Terphenyl (SURR)	11.928	11.928	6657427	41.61		ug/ml
2-Bromonaphthalene (SURR)	7.992	7.992	6216956	44.58		ug/ml
2-Fluorobiphenyl (SURR)	8.866	8.866	4036016	42.8		ug/ml