

Report of Analysis

Client:	Tetra Tech		Date Collected:		
Project:	Ocean County Landfill 2024		Date Received:		
Client Sample ID:	PB165032BS		SDG No.:	P4860	
Lab Sample ID:	PB165032BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048767.D	1	11/16/24	11/18/24	PB165032

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	5.16		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.14		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	16.7		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	26.3		2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	46.1		40 - 140	92%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	41.8		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.3		40 - 140	79%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB165032BS	Acq On:	18 Nov 2024 16:03
Client Sample ID:	PB165032BS	Operator:	YP/AJ
Data file:	FD048767.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.805	14872614	77.454	200	ug/ml
Aromatic C12-C16	5.806	8.411	26402895	137.187	300	ug/ml
Aromatic C16-C21	8.412	12.674	46569863	250.639	500	ug/ml
Aromatic C21-C36	12.675	18.081	62025703	394.488	800	ug/ml
Aromatic EPH	4.088	18.081	149871075	859.768		ug/ml
2-Bromonaphthalene (SURR)	7.367	7.367	8116373	46.1		ug/ml
2-Fluorobiphenyl (SURR)	8.217	8.217	4810184	41.77		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	7565444	39.33		ug/ml