

Report of Analysis

Client:	Tetra Tech	Date Collected:	
Project:	Ocean County Landfill 2024	Date Received:	
Client Sample ID:	PB165032BL	SDG No.:	P4860
Lab Sample ID:	PB165032BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048766.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	0.30	U	0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.34	U	0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	0.96	U	0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.00	U	2.00	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	52.1		40 - 140	104%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	51.2		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	47.9		40 - 140	96%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB165032BL	Acq On:	18 Nov 2024 15:27
Client Sample ID:	PB165032BL	Operator:	YP/AJ
Data file:	FD048766.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.805	0	0	200	ug/ml
Aromatic C12-C16	5.806	8.411	0	0	300	ug/ml
Aromatic C16-C21	8.412	12.674	0	0	500	ug/ml
Aromatic C21-C36	12.675	18.081	0	0	800	ug/ml
Aromatic EPH	4.088	18.081	0	0		ug/ml
2-Bromonaphthalene (SURR)	7.367	7.367	9167743	52.07		ug/ml
2-Fluorobiphenyl (SURR)	8.216	8.216	5897989	51.21		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	9202508	47.85		ug/ml