

Report of Analysis

Client:	Tetra Tech		Date Collected:		
Project:	Ocean County Landfill 2024		Date Received:		
Client Sample ID:	PB165032BSD		SDG No.:	P4860	
Lab Sample ID:	PB165032BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048768.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	5.24		0.30	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	9.30		0.34	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	17.0		0.96	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	26.7		2.00	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	46.9		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.3		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	40.1		40 - 140	80%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB165032BSD	Acq On:	18 Nov 2024 16:39
Client Sample ID:	PB165032BSD	Operator:	YP/AJ
Data file:	FD048768.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.088	5.805	15119363	78.739	200	ug/ml
Aromatic C12-C16	5.806	8.411	26863944	139.583	300	ug/ml
Aromatic C16-C21	8.412	12.674	47409765	255.159	500	ug/ml
Aromatic C21-C36	12.675	18.081	62943746	400.326	800	ug/ml
Aromatic EPH	4.088	18.081	152336818	873.808		ug/ml
2-Bromonaphthalene (SURRE)	7.367	7.367	8248787	46.85		ug/ml
2-Fluorobiphenyl (SURRE)	8.217	8.217	4866638	42.26		ug/ml
ortho-Terphenyl (SURRE)	11.254	11.254	7710147	40.09		ug/ml