

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/04/25
Project:	Edison Landfill		Date Received:	11/04/25
Client Sample ID:	FB-1		SDG No.:	Q3534
Lab Sample ID:	Q3534-09		Matrix:	Water
Analytical Method:	SW8270ESIM	Level: LOW	% Solid:	0
Sample Wt/Vol:	500 mL	Final Vol: 500 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	0.070	U	1	0.070	0.20	ug/L	11/07/25 23:31	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.071			30 (20) - 150 (139)	36%	SPK: 0.2		
93951-69-0	Fluoranthene-d10	0.083			30 (54) - 150 (157)	41%	SPK: 0.2		
4165-60-0	Nitrobenzene-d5	0.079			30 (27) - 130 (154)	40%	SPK: 0.2		
321-60-8	2-Fluorobiphenyl	0.098			30 (30) - 130 (155)	49%	SPK: 0.2		
1718-51-0	Terphenyl-d14	0.14			30 (54) - 130 (175)	70%	SPK: 0.2		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	15000							
1146-65-2	Naphthalene-d8	45100							
15067-26-2	Acenaphthene-d10	24900							
1517-22-2	Phenanthrene-d10	41400							
1719-03-5	Chrysene-d12	24800							
1520-96-3	Perylene-d12	24100							

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products