

Report of Analysis

Client:	Arcadis	Date Collected:	09/09/25
Project:	ARC Sayreville PostEx 2025	Date Received:	09/11/25
Client Sample ID:	PMW-9D(20250909)	SDG No.:	Q3084
Lab Sample ID:	Q3084-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064386.D	1	09/15/25 09:00	09/16/25 15:23	PB169689

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
111-44-4	Bis(2-Chloroethyl)ether	10.0	U	1.60	10.0	ug/L
98-95-3	Nitrobenzene	5.00	U	1.30	5.00	ug/L
78-59-1	Isophorone	5.00	U	1.30	5.00	ug/L
SURROGATES						
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.3		25 - 120	96%	SPK: 40
4165-60-0	Nitrobenzene-d5	35.5		20 - 125	89%	SPK: 40
191656-33-4	4-Chloroaniline-d4	31.6		1 - 146	79%	SPK: 40
85448-30-2	Dimethylphthalate-d6	41.2		25 - 130	103%	SPK: 40
93951-97-4	Acenaphthylene-d8	39.9		10 - 130	100%	SPK: 40
81103-79-9	Fluorene-d10	41.2		25 - 125	103%	SPK: 40
1719-06-8	Anthracene-d10	45.9		25 - 130	115%	SPK: 40
1718-52-1	Pyrene-d10	45.3		15 - 130	113%	SPK: 40
63466-71-7	Benzo(a)pyrene-d12	48.5		20 - 130	121%	SPK: 40
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	19800	7.842			
1146-65-2	Naphthalene-d8	89000	10.639			
15067-26-2	Acenaphthene-d10	63200	14.47			
1517-22-2	Phenanthrene-d10	139000	17.208			
1719-03-5	Chrysene-d12	144000	21.432			
1520-96-3	Perylene-d12	163000	24.429			

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