

Report of Analysis

Client:	Arcadis	Date Collected:	09/09/25
Project:	ARC Sayreville PostEx 2025	Date Received:	09/11/25
Client Sample ID:	PMW-8S(20250909)	SDG No.:	Q3084
Lab Sample ID:	Q3084-04	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
BG064388.D	1	09/15/25 09:00	09/16/25 16:45	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	38.9		25 - 120	97%	SPK: 40
4165-60-0	Nitrobenzene-d5	37.2		20 - 125	93%	SPK: 40
191656-33-4	4-Chloroaniline-d4	32.9		1 - 146	82%	SPK: 40
85448-30-2	Dimethylphthalate-d6	40.0		25 - 130	100%	SPK: 40
93951-97-4	Acenaphthylene-d8	37.8		10 - 130	95%	SPK: 40
81103-79-9	Fluorene-d10	40.5		25 - 125	101%	SPK: 40
1719-06-8	Anthracene-d10	46.8		25 - 130	117%	SPK: 40
1718-52-1	Pyrene-d10	45.4		15 - 130	114%	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	16100	7.848			
1146-65-2	Naphthalene-d8	69900	10.627			
15067-26-2	Acenaphthene-d10	53500	14.464			
1517-22-2	Phenanthrene-d10	123000	17.208			
1719-03-5	Chrysene-d12	142000	21.432			
1520-96-3	Perylene-d12	162000	24.434			

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