

Report of Analysis

Client:	Arcadis	Date Collected:	09/11/25
Project:	ARC Sayreville PostEx 2025	Date Received:	09/11/25
Client Sample ID:	PMW-2(20250911)MS	SDG No.:	Q3084
Lab Sample ID:	Q3084-19MS	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
BG064403.D	1	09/16/25 09:40	09/17/25 03:39	PB169711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
111-44-4	Bis(2-Chloroethyl)ether	37.0		1.60	10.0	ug/L
98-95-3	Nitrobenzene	38.0		1.30	5.00	ug/L
78-59-1	Isophorone	39.0		1.30	5.00	ug/L
SURROGATES						
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.5		25 - 120	96%	SPK: 40
4165-60-0	Nitrobenzene-d5	41.6		20 - 125	104%	SPK: 40
191656-33-4	4-Chloroaniline-d4	36.9		1 - 146	92%	SPK: 40
85448-30-2	Dimethylphthalate-d6	46.4		25 - 130	116%	SPK: 40
93951-97-4	Acenaphthylene-d8	44.7		10 - 130	112%	SPK: 40
81103-79-9	Fluorene-d10	47.6		25 - 125	119%	SPK: 40
1719-06-8	Anthracene-d10	49.5		25 - 130	124%	SPK: 40
1718-52-1	Pyrene-d10	48.4		15 - 130	121%	SPK: 40
63466-71-7	Benzo(a)pyrene-d12	52.0		20 - 130	130%	SPK: 40
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	16100	7.841			
1146-65-2	Naphthalene-d8	71200	10.632			
15067-26-2	Acenaphthene-d10	55300	14.469			
1517-22-2	Phenanthrene-d10	137000	17.207			
1719-03-5	Chrysene-d12	150000	21.437			
1520-96-3	Perylene-d12	169000	24.433			

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