

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	08/01/24
Project:	Former Schlumberger Site Princeton NJ	Date Received:	08/01/24
Client Sample ID:	923-K1-WS-080124MS	SDG No.:	P3451
Lab Sample ID:	P3440-02MS	Matrix:	Water
Analytical Method:	SW8270SIM	% Solid:	0
Sample Wt/Vol:	900 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN033232.D	1	08/02/24 09:25	08/03/24 11:00	PB162464

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	0.31		0.030	0.11	ug/L
91-57-6	2-Methylnaphthalene	0.30		0.030	0.11	ug/L
208-96-8	Acenaphthylene	0.36		0.020	0.11	ug/L
83-32-9	Acenaphthene	0.38		0.020	0.11	ug/L
86-73-7	Fluorene	0.39		0.020	0.11	ug/L
85-01-8	Phenanthrene	0.60		0.020	0.11	ug/L
120-12-7	Anthracene	0.39		0.030	0.11	ug/L
206-44-0	Fluoranthene	0.50		0.030	0.11	ug/L
129-00-0	Pyrene	0.53		0.020	0.11	ug/L
56-55-3	Benzo(a)anthracene	0.42		0.020	0.11	ug/L
218-01-9	Chrysene	0.40		0.030	0.11	ug/L
205-99-2	Benzo(b)fluoranthene	0.36		0.040	0.11	ug/L
207-08-9	Benzo(k)fluoranthene	0.34		0.040	0.11	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.060	0.11	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.38		0.040	0.11	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.36		0.040	0.11	ug/L
191-24-2	Benzo(g,h,i)perylene	0.37		0.040	0.11	ug/L
123-91-1	1,4-Dioxane	0.20	J	0.080	0.22	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (30) - 150 (150)	75%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.31		30 (30) - 150 (150)	78%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.28		30 (11) - 130 (175)	70%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.30		30 (10) - 130 (175)	75%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.48		30 (54) - 130 (171)	119%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2740	7.51			
1146-65-2	Naphthalene-d8	9490	10.276			
15067-26-2	Acenaphthene-d10	5340	14.126			
1517-22-2	Phenanthrene-d10	10300	16.895			

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1719-03-5	Chrysene-d12	7730	21.125			
1520-96-3	Perylene-d12	7970	23.303			

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