

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:	921-J-WS-080124	SDG No.:	P3451
Lab Sample ID:	P3451-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group6
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
BF138844.D	1	08/02/24 09:23	08/07/24 16:05	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	1.60	U	1.60	5.10	ug/L
100-52-7	Benzaldehyde	4.10	U	4.10	10.2	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.10	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.2	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.10	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.10	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.10	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.10	ug/L
91-57-6	2-Methylnaphthalene	1.20	U	1.20	5.10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.10	ug/L
208-96-8	Acenaphthylene	1.10	U	1.10	5.10	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	5.10	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.60	U	1.60	5.10	ug/L
86-73-7	Fluorene	0.98	U	0.98	5.10	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.10	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	5.10	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.10	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.10	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.10	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.10	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	5.10	ug/L
218-01-9	Chrysene	0.88	U	0.88	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.10	ug/L
205-99-2	Benzo(b)fluoranthene	1.20	U	1.20	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.10	ug/L

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50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.10	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.10	ug/L
90-12-0	1-Methylnaphthalene	0.88	U	0.88	5.10	ug/L

SURROGATES

367-12-4	2-Fluorophenol	49.2		15 (10) - 110 (139)	33%	SPK: 150
13127-88-3	Phenol-d6	29.6		15 (10) - 110 (134)	20%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.6		30 (49) - 130 (133)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.4		30 (52) - 130 (132)	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	128		15 (32) - 110 (145)	86%	SPK: 150
1718-51-0	Terphenyl-d14	95.3		30 (36) - 130 (145)	95%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	44300	6.839
1146-65-2	Naphthalene-d8	184000	8.122
15067-26-2	Acenaphthene-d10	95700	9.869
1517-22-2	Phenanthrene-d10	153000	11.357
1719-03-5	Chrysene-d12	77100	13.998
1520-96-3	Perylene-d12	83600	15.457

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