

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	05/08/25
Project:	Former Schlumberger Site Princeton NJ 2025	Date Received:	05/09/25
Client Sample ID:	MW-3-20250508MS	SDG No.:	Q2008
Lab Sample ID:	Q1993-02MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF142341.D	1	05/12/25 08:40	05/13/25 13:16	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	36.1		3.90	10.0	ug/L
108-95-2	Phenol	15.7		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	35.0		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	37.4		0.58	5.00	ug/L
95-48-7	2-Methylphenol	31.8		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.4		1.30	5.00	ug/L
98-86-2	Acetophenone	43.2		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	28.6		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.9		1.40	2.50	ug/L
67-72-1	Hexachloroethane	34.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	46.3		0.76	5.00	ug/L
78-59-1	Isophorone	44.7		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	49.6		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	42.1		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.8		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.5		0.52	5.00	ug/L
91-20-3	Naphthalene	40.6		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	14.7		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	38.4		0.54	5.00	ug/L
105-60-2	Caprolactam	9.30	J	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	40.8		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	42.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	77.1		3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	48.7		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	46.2		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	43.3		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.8		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	52.4		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	46.5		0.61	5.00	ug/L

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208-96-8	Acenaphthylene	43.0		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	53.9		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	25.2		1.10	5.00	ug/L
83-32-9	Acenaphthene	47.5		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	98.5	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	37.0		2.40	10.0	ug/L
132-64-9	Dibenzofuran	42.9		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	56.1		1.20	5.00	ug/L
84-66-2	Diethylphthalate	70.9		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.6		0.68	5.00	ug/L
86-73-7	Fluorene	42.6		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	51.9		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.7		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	47.6		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	48.4		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	47.7		0.52	5.00	ug/L
1912-24-9	Atrazine	48.2		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	44.0		0.50	5.00	ug/L
120-12-7	Anthracene	43.9		0.61	5.00	ug/L
86-74-8	Carbazole	41.1		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	52.0		1.20	5.00	ug/L
206-44-0	Fluoranthene	39.5		0.82	5.00	ug/L
129-00-0	Pyrene	40.2		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	54.8		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	40.5		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.2		0.45	5.00	ug/L
218-01-9	Chrysene	45.3		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	59.5		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	52.5		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	46.9		0.49	5.00	ug/L

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207-08-9	Benzo(k)fluoranthene	46.3		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	47.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	35.7		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	36.2		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	31.9		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	17.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	49.1		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	63.4		15 (10) - 110 (139)	42%	SPK: 150
13127-88-3	Phenol-d6	41.2		15 (10) - 110 (134)	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.2		30 (49) - 130 (133)	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.5		30 (52) - 130 (132)	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	139		15 (44) - 110 (137)	93%	SPK: 150
1718-51-0	Terphenyl-d14	69.6		30 (48) - 130 (125)	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	223000	6.904			
1146-65-2	Naphthalene-d8	844000	8.187			
15067-26-2	Acenaphthene-d10	449000	9.945			
1517-22-2	Phenanthrene-d10	711000	11.433			
1719-03-5	Chrysene-d12	400000	14.074			
1520-96-3	Perylene-d12	459000	15.563			

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