

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-3-20250508MSD	SDG No.:	Q2008
Lab Sample ID:	Q1993-03MSD	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
BF142342.D	1	05/12/25 08:40	05/13/25 13:45	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.2		3.90	10.0	ug/L
108-95-2	Phenol	16.6		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.1		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	39.6		0.58	5.00	ug/L
95-48-7	2-Methylphenol	34.2		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.4		1.30	5.00	ug/L
98-86-2	Acetophenone	45.4		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	30.3		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.2		1.40	2.50	ug/L
67-72-1	Hexachloroethane	35.6		0.65	5.00	ug/L
98-95-3	Nitrobenzene	49.8		0.76	5.00	ug/L
78-59-1	Isophorone	47.0		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	52.7		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	44.5		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	46.1		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	46.8		0.52	5.00	ug/L
91-20-3	Naphthalene	42.7		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	15.0		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	40.1		0.54	5.00	ug/L
105-60-2	Caprolactam	10.5		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	43.4		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	44.2		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	80.5	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	51.7		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	50.0		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	45.6		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	45.5		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	56.9		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	49.3		0.61	5.00	ug/L

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208-96-8	Acenaphthylene	45.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	57.7		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	25.9		1.10	5.00	ug/L
83-32-9	Acenaphthene	50.7		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	40.3		2.40	10.0	ug/L
132-64-9	Dibenzofuran	45.3		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	60.6		1.20	5.00	ug/L
84-66-2	Diethylphthalate	75.2		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.2		0.68	5.00	ug/L
86-73-7	Fluorene	45.2		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	56.9		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	58.3		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	49.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	51.1		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	50.1		0.52	5.00	ug/L
1912-24-9	Atrazine	51.5		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	46.5		0.50	5.00	ug/L
120-12-7	Anthracene	45.9		0.61	5.00	ug/L
86-74-8	Carbazole	43.7		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	54.5		1.20	5.00	ug/L
206-44-0	Fluoranthene	41.9		0.82	5.00	ug/L
129-00-0	Pyrene	42.7		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	60.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	42.7		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	48.4		0.45	5.00	ug/L
218-01-9	Chrysene	48.0		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	62.6		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	54.6		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	48.4		0.49	5.00	ug/L

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207-08-9	Benzo(k)fluoranthene	50.7		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	50.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	37.1		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	37.4		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	33.0		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	19.4		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.3		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.3		15 (10) - 110 (139)	45%	SPK: 150
13127-88-3	Phenol-d6	44.1		15 (10) - 110 (134)	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.3		30 (49) - 130 (133)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.7		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		15 (44) - 110 (137)	99%	SPK: 150
1718-51-0	Terphenyl-d14	72.6		30 (48) - 130 (125)	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	221000	6.904			
1146-65-2	Naphthalene-d8	842000	8.186			
15067-26-2	Acenaphthene-d10	448000	9.945			
1517-22-2	Phenanthrene-d10	725000	11.433			
1719-03-5	Chrysene-d12	408000	14.074			
1520-96-3	Perylene-d12	453000	15.562			

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