

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger Site Princeton NJ 2025	Date Received:	
Client Sample ID:	PB167951BS	SDG No.:	Q2008
Lab Sample ID:	PB167951BS	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
BF142338.D	1	05/12/25 08:40	05/13/25 11:46	PB167951

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	22.9		3.90	10.0	ug/L
108-95-2	Phenol	46.1		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.5		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	45.0		0.58	5.00	ug/L
95-48-7	2-Methylphenol	44.7		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.1		1.30	5.00	ug/L
98-86-2	Acetophenone	41.6		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.5		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.2		1.40	2.50	ug/L
67-72-1	Hexachloroethane	42.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	46.1		0.76	5.00	ug/L
78-59-1	Isophorone	43.8		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	47.0		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	45.2		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.8		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	46.4		0.52	5.00	ug/L
91-20-3	Naphthalene	42.1		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	12.7		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.3		0.54	5.00	ug/L
105-60-2	Caprolactam	51.4		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	46.6		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	42.8		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	89.0	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	49.5		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	46.5		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	41.4		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.7		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	50.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.7		0.61	5.00	ug/L

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208-96-8	Acenaphthylene	42.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	52.6		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	36.4		1.10	5.00	ug/L
83-32-9	Acenaphthene	46.5		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	110	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	42.4		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	55.9		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.3		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.1		0.68	5.00	ug/L
86-73-7	Fluorene	42.0		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	61.2		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50.3		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	43.5		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	44.9		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	45.6		0.52	5.00	ug/L
1912-24-9	Atrazine	50.3		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	43.0		0.50	5.00	ug/L
120-12-7	Anthracene	43.1		0.61	5.00	ug/L
86-74-8	Carbazole	44.1		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	48.4		1.20	5.00	ug/L
206-44-0	Fluoranthene	43.7		0.82	5.00	ug/L
129-00-0	Pyrene	45.2		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	49.4		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	40.4		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	45.7		0.45	5.00	ug/L
218-01-9	Chrysene	45.0		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.5		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.9		0.49	5.00	ug/L

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207-08-9	Benzo(k)fluoranthene	48.3		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	48.1		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46.3		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	46.0		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40.9		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	32.6		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.1		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	121		15 (10) - 110 (139)	80%	SPK: 150
13127-88-3	Phenol-d6	122		15 (10) - 110 (134)	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.7		30 (49) - 130 (133)	83%	SPK: 100
321-60-8	2-Fluorobiphenyl	72.3		30 (52) - 130 (132)	72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		15 (44) - 110 (137)	96%	SPK: 150
1718-51-0	Terphenyl-d14	77.8		30 (48) - 130 (125)	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	241000	6.904			
1146-65-2	Naphthalene-d8	943000	8.187			
15067-26-2	Acenaphthene-d10	511000	9.945			
1517-22-2	Phenanthrene-d10	875000	11.433			
1719-03-5	Chrysene-d12	501000	14.074			
1520-96-3	Perylene-d12	474000	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