Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	
Client Sample ID:	PB166982BS	SDG No.:	Q1478
Lab Sample ID:	PB166982BS	Matrix:	Water
Analytical Method:	SW8270	% 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
BF141862.D	1	03/05/25 08:35	03/06/25 11:51	PB166982

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	23.3		4.00	10.0	ug/L
108-95-2	Phenol	42.4		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.9		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	45.4		0.71	5.00	ug/L
95-48-7	2-Methylphenol	44.3		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	36.4		1.40	5.00	ug/L
98-86-2	Acetophenone	47.1		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	43.7		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39.7		1.50	2.50	ug/L
67-72-1	Hexachloroethane	44.5		1.00	5.00	ug/L
98-95-3	Nitrobenzene	48.9		1.30	5.00	ug/L
78-59-1	Isophorone	43.6		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	53.1		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	54.9		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.2		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.9		0.88	5.00	ug/L
91-20-3	Naphthalene	43.2		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	19.7		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	46.6		1.30	5.00	ug/L
105-60-2	Caprolactam	52.3		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	44.3		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	41.8		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	160	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	47.0		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	48.6		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	47.9		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	44.4		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	51.2		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	44.8		0.93	5.00	ug/L

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208-96-8	Acenaphthylene	46.8		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	51.2		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	33.7		1.40	5.00	ug/L
83-32-9	Acenaphthene	51.2		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	120	E	2.00	10.0	ug/L
132-64-9	Dibenzofuran	42.9		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	57.4		1.50	5.00	ug/L
84-66-2	Diethylphthalate	43.7		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.9		0.98	5.00	ug/L
86-73-7	Fluorene	44.9		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	61.3		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	59.9		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	43.6		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	44.4		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	47.3		1.10	5.00	ug/L
1912-24-9	Atrazine	64.1		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	97.7	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	45.5		0.89	5.00	ug/L
120-12-7	Anthracene	45.8		1.10	5.00	ug/L
86-74-8	Carbazole	45.6		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	43.1		1.50	5.00	ug/L
206-44-0	Fluoranthene	46.5		1.30	5.00	ug/L
129-00-0	Pyrene	44.0		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	46.5		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	28.5		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	45.6		0.94	5.00	ug/L
218-01-9	Chrysene	45.0		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	46.6		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	45.1		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.0		1.10	5.00	ug/L

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207-08-9	Benzo(k)fluoranthene	44.4		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	48.1		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.9		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.9		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	47.7		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	48.9		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	39.6		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.4		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	131		15 (10) - 110 (139)	87%	SPK: 150
13127-88-3	Phenol-d6	124		15 (10) - 110 (134)	83%	SPK: 150
4165-60-0	Nitrobenzene-d5	109		30 (49) - 130 (133)	109%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.7		30 (52) - 130 (132)	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	177	*	15 (44) - 110 (137)	118%	SPK: 150
1718-51-0	Terphenyl-d14	99.9		30 (48) - 130 (125)	100%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	210000	6.887			
1146-65-2	Naphthalene-d8	832000	8.163			
15067-26-2	Acenaphthene-d10	457000	9.922			
1517-22-2	Phenanthrene-d10	789000	11.404			
1719-03-5	Chrysene-d12	533000	14.045			
1520-96-3	Perylene-d12	432000	15.51			

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