

Report of Analysis

Client:	JPCL Engineering	Date Collected:	
Project:	NYSDOT Two Bronx River Parkway Bridges	Date Received:	
Client Sample ID:	PB166984BL	SDG No.:	Q1485
Lab Sample ID:	PB166984BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141859.D	1	03/05/25 09:40	03/06/25 10:22	PB166984

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	330	U	180	330	ug/Kg
108-95-2	Phenol	170	U	82.9	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	170	U	83.7	170	ug/Kg
95-57-8	2-Chlorophenol	170	U	83.5	170	ug/Kg
95-48-7	2-Methylphenol	170	U	80.6	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	90.9	170	ug/Kg
98-86-2	Acetophenone	170	U	86.9	170	ug/Kg
65794-96-9	3+4-Methylphenols	330	U	79.8	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	80.0	U	40.3	80.0	ug/Kg
67-72-1	Hexachloroethane	170	U	83.0	170	ug/Kg
98-95-3	Nitrobenzene	170	U	90.8	170	ug/Kg
78-59-1	Isophorone	170	U	84.6	170	ug/Kg
88-75-5	2-Nitrophenol	170	U	94.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	93.2	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	85.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	75.5	170	ug/Kg
91-20-3	Naphthalene	170	U	82.6	170	ug/Kg
106-47-8	4-Chloroaniline	170	U	82.6	170	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	83.3	170	ug/Kg
105-60-2	Caprolactam	330	U	86.8	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	77.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	82.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	160	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	U	71.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	74.0	170	ug/Kg
92-52-4	1,1-Biphenyl	170	U	87.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	83.3	170	ug/Kg
88-74-4	2-Nitroaniline	170	U	95.0	170	ug/Kg
131-11-3	Dimethylphthalate	170	U	81.7	170	ug/Kg

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208-96-8	Acenaphthylene	170	U	86.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	83.2	170	ug/Kg
99-09-2	3-Nitroaniline	170	U	89.2	170	ug/Kg
83-32-9	Acenaphthene	170	U	81.1	170	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	240	330	ug/Kg
100-02-7	4-Nitrophenol	330	U	120	330	ug/Kg
132-64-9	Dibenzofuran	170	U	84.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	U	86.2	170	ug/Kg
84-66-2	Diethylphthalate	170	U	80.1	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	85.6	170	ug/Kg
86-73-7	Fluorene	170	U	85.5	170	ug/Kg
100-01-6	4-Nitroaniline	170	U	110	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	330	U	120	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	81.6	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	78.9	170	ug/Kg
118-74-1	Hexachlorobenzene	170	U	85.0	170	ug/Kg
1912-24-9	Atrazine	170	U	91.4	170	ug/Kg
87-86-5	Pentachlorophenol	330	U	77.3	330	ug/Kg
85-01-8	Phenanthrene	170	U	84.0	170	ug/Kg
120-12-7	Anthracene	170	U	84.4	170	ug/Kg
86-74-8	Carbazole	170	U	80.3	170	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	84.3	170	ug/Kg
206-44-0	Fluoranthene	170	U	81.7	170	ug/Kg
129-00-0	Pyrene	170	U	83.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	96.8	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	98.6	330	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	80.7	170	ug/Kg
218-01-9	Chrysene	170	U	79.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	91.0	170	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	110	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	81.1	170	ug/Kg

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207-08-9	Benzo(k)fluoranthene	170	U	82.6	170	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	93.0	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	78.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	81.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	80.1	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	86.8	170	ug/Kg
123-91-1	1,4-Dioxane	170	U	110	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	74.7	170	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	126		18 - 112	84%	SPK: 150
13127-88-3	Phenol-d6	119		15 - 107	79%	SPK: 150
4165-60-0	Nitrobenzene-d5	105		18 - 107	105%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.5		20 - 109	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	167		10 - 116	111%	SPK: 150
1718-51-0	Terphenyl-d14	82.5		10 - 105	83%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	219000	6.887
1146-65-2	Naphthalene-d8	872000	8.163
15067-26-2	Acenaphthene-d10	478000	9.916
1517-22-2	Phenanthrene-d10	848000	11.404
1719-03-5	Chrysene-d12	692000	14.039
1520-96-3	Perylene-d12	552000	15.51

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	76.0	J	2.24	ug/Kg
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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