

Report of Analysis

Client:	PARSONS Main of New York, Inc.		Date Collected:	
Project:	Con Ed Non-MGP - East River SI 453648		Date Received:	
Client Sample ID:	PB165814BL		SDG No.:	P5362
Lab Sample ID:	PB165814BL		Matrix:	SOIL
Analytical Method:	SW8270		% Solid:	100
Sample Wt/Vol:	30.03	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
BF140989.D	1	12/23/24 09:35	12/27/24 11:48	PB165814

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	330	ug/Kg
108-95-2	Phenol	82.8	U	82.8	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	170	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.8	U	90.8	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	170	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	170	ug/Kg
88-75-5	2-Nitrophenol	94.4	U	94.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	170	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	170	ug/Kg
105-60-2	Caprolactam	86.7	U	86.7	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	170	ug/Kg

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208-96-8	Acenaphthylene	86.4	U	86.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	170	ug/Kg
83-32-9	Acenaphthene	81.0	U	81.0	170	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	170	ug/Kg
84-66-2	Diethylphthalate	80.0	U	80.0	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	170	ug/Kg
87-86-5	Pentachlorophenol	77.2	U	77.2	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	170	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.0	U	81.0	170	ug/Kg

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50-32-8	Benzo(a)pyrene	92.9	U	92.9	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.0	U	78.0	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.0	U	80.0	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	131		18 - 112	88%	SPK: 150
13127-88-3	Phenol-d6	127		15 - 107	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	109	*	18 - 107	109%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.7		20 - 109	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		10 - 116	96%	SPK: 150
1718-51-0	Terphenyl-d14	83.3		10 - 105	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	274000		6.828		
1146-65-2	Naphthalene-d8	1090000		8.104		
15067-26-2	Acenaphthene-d10	582000		9.857		
1517-22-2	Phenanthrene-d10	982000		11.345		
1719-03-5	Chrysene-d12	752000		13.98		
1520-96-3	Perylene-d12	594000		15.439		
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	84.6	J		2.17	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