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

Report of Analysis

Client:	PARSONS Main of New York, Inc.	Date Collected:	
Project:	Con Edison Non-MGP - Atlantic Avenue	Date Received:	
Client Sample ID:	PB165682BS	SDG No.:	P5291
Lab Sample ID:	PB165682BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BF140902.D	1	12/17/24 08:56	12/18/24 13:37	PB165682

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	17.1		4.00	10.0	ug/L
108-95-2	Phenol	53.0		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	53.5		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	54.0		0.71	5.00	ug/L
95-48-7	2-Methylphenol	55.3		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	57.6		1.40	5.00	ug/L
98-86-2	Acetophenone	52.5		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	56.4		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	56.3		1.50	2.50	ug/L
67-72-1	Hexachloroethane	53.4		1.00	5.00	ug/L
98-95-3	Nitrobenzene	50.1		1.30	5.00	ug/L
78-59-1	Isophorone	55.9		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	57.3		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	68.8		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	56.5		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	52.1		0.88	5.00	ug/L
91-20-3	Naphthalene	51.5		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	25.7		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	49.0		1.30	5.00	ug/L
105-60-2	Caprolactam	61.7		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	53.3		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	49.0		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	60.4		5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	51.0		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	49.8		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	51.4		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	49.8		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	55.3		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	57.8		0.93	5.00	ug/L

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208-96-8	Acenaphthylene	59.2		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	50.2		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	32.9		1.40	5.00	ug/L
83-32-9	Acenaphthene	53.6		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	95.5	E	2.00	10.0	ug/L
132-64-9	Dibenzofuran	49.8		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	50.6		1.50	5.00	ug/L
84-66-2	Diethylphthalate	51.5		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.6		0.98	5.00	ug/L
86-73-7	Fluorene	49.4		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	50.1		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	57.2		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	55.5		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	53.8		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	52.7		1.10	5.00	ug/L
1912-24-9	Atrazine	66.9		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	53.5		0.89	5.00	ug/L
120-12-7	Anthracene	55.5		1.10	5.00	ug/L
86-74-8	Carbazole	52.7		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	54.5		1.50	5.00	ug/L
206-44-0	Fluoranthene	54.7		1.30	5.00	ug/L
129-00-0	Pyrene	57.3		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	61.3		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	33.2		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	55.9		0.94	5.00	ug/L
218-01-9	Chrysene	52.8		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.8		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	55.1		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	53.3		1.10	5.00	ug/L

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207-08-9	Benzo(k)fluoranthene	61.8		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	58.8		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	63.3		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	62.2		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	53.8		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.4		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	37.3		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.5		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	148		10 - 139	99%	SPK: 150
13127-88-3	Phenol-d6	148		10 - 134	99%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		49 - 133	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.8		52 - 132	99%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		44 - 137	98%	SPK: 150
1718-51-0	Terphenyl-d14	119		48 - 125	119%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69300	6.846			
1146-65-2	Naphthalene-d8	278000	8.128			
15067-26-2	Acenaphthene-d10	161000	9.887			
1517-22-2	Phenanthrene-d10	298000	11.381			
1719-03-5	Chrysene-d12	194000	14.033			
1520-96-3	Perylene-d12	160000	15.533			

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