Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMSD	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
Sample Wt/Vol:	30.05 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
BP025909.D	1	10/01/25 10:10	10/01/25 20:37	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1600		180	390	ug/Kg
108-95-2	Phenol	2100		26.0	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		28.6	200	ug/Kg
95-57-8	2-Chlorophenol	2200		28.8	200	ug/Kg
95-48-7	2-Methylphenol	2000		35.2	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		44.2	200	ug/Kg
98-86-2	Acetophenone	2300		34.8	200	ug/Kg
65794-96-9	3+4-Methylphenols	1900		48.4	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		55.9	94.3	ug/Kg
67-72-1	Hexachloroethane	2100		20.7	200	ug/Kg
98-95-3	Nitrobenzene	2100		21.6	200	ug/Kg
78-59-1	Isophorone	2000		38.7	200	ug/Kg
88-75-5	2-Nitrophenol	2300		68.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		76.4	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		36.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		33.4	200	ug/Kg
91-20-3	Naphthalene	2100		26.8	200	ug/Kg
106-47-8	4-Chloroaniline	1000		41.7	200	ug/Kg
87-68-3	Hexachlorobutadiene	2200		29.8	200	ug/Kg
105-60-2	Caprolactam	1800		61.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2000		33.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	2000		30.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400		23.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2300		34.3	200	ug/Kg
92-52-4	1,1-Biphenyl	2400		25.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	2200		26.5	200	ug/Kg
88-74-4	2-Nitroaniline	2100		56.7	200	ug/Kg
131-11-3	Dimethylphthalate	2000		31.9	200	ug/Kg

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208-96-8	Acenaphthylene	2200		34.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		39.6	200	ug/Kg
99-09-2	3-Nitroaniline	1400		54.2	200	ug/Kg
83-32-9	Acenaphthene	2100		25.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	270	390	ug/Kg
100-02-7	4-Nitrophenol	3500	E	130	390	ug/Kg
132-64-9	Dibenzofuran	2100		26.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		59.1	200	ug/Kg
84-66-2	Diethylphthalate	2000		33.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		31.5	200	ug/Kg
86-73-7	Fluorene	2100		29.8	200	ug/Kg
100-01-6	4-Nitroaniline	1900		75.7	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2300		38.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2400		32.8	200	ug/Kg
118-74-1	Hexachlorobenzene	2400		29.8	200	ug/Kg
1912-24-9	Atrazine	2200		40.1	200	ug/Kg
87-86-5	Pentachlorophenol	4500	E	60.5	390	ug/Kg
85-01-8	Phenanthrene	2100		24.6	200	ug/Kg
120-12-7	Anthracene	2100		39.2	200	ug/Kg
86-74-8	Carbazole	2100		36.8	200	ug/Kg
84-74-2	Di-n-butylphthalate	2100		56.5	200	ug/Kg
206-44-0	Fluoranthene	2000		35.4	200	ug/Kg
129-00-0	Pyrene	2300		42.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	2300		84.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800		43.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	2200		27.1	200	ug/Kg
218-01-9	Chrysene	2200		23.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		69.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200		22.4	200	ug/Kg

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207-08-9	Benzo(k)fluoranthene	2100		26.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	2100		34.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300		34.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2300		32.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2300		30.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2600		30.2	200	ug/Kg
123-91-1	1,4-Dioxane	1800		53.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2200		32.3	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	76.3		18 - 112	51%	SPK: 150
13127-88-3	Phenol-d6	76.0		15 - 107	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.0		18 - 107	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	47.4		20 - 109	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	94.4		10 - 116	63%	SPK: 150
1718-51-0	Terphenyl-d14	62.7		10 - 105	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	180000	7.743			
1146-65-2	Naphthalene-d8	675000	10.507			
15067-26-2	Acenaphthene-d10	411000	14.36			
1517-22-2	Phenanthrene-d10	775000	17.166			
1719-03-5	Chrysene-d12	702000	21.607			
1520-96-3	Perylene-d12	812000	24.942			

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