

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 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
BF143864.D	1	10/02/25 10:00	10/02/25 19:38	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2400		390	820	ug/Kg
108-95-2	Phenol	4000		55.0	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3800		60.4	420	ug/Kg
95-57-8	2-Chlorophenol	4000		60.7	420	ug/Kg
95-48-7	2-Methylphenol	4000		74.3	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3200		93.2	420	ug/Kg
98-86-2	Acetophenone	4200		73.4	420	ug/Kg
65794-96-9	3+4-Methylphenols	3900		100	820	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3900		120	200	ug/Kg
67-72-1	Hexachloroethane	3800		43.8	420	ug/Kg
98-95-3	Nitrobenzene	4000		45.5	420	ug/Kg
78-59-1	Isophorone	4100		81.6	420	ug/Kg
88-75-5	2-Nitrophenol	4500		140	420	ug/Kg
105-67-9	2,4-Dimethylphenol	4300		160	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3800		76.6	420	ug/Kg
120-83-2	2,4-Dichlorophenol	4000		70.4	420	ug/Kg
91-20-3	Naphthalene	3800		56.4	420	ug/Kg
106-47-8	4-Chloroaniline	1300		88.0	420	ug/Kg
87-68-3	Hexachlorobutadiene	3900		62.9	420	ug/Kg
105-60-2	Caprolactam	5000		130	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4300		71.4	420	ug/Kg
91-57-6	2-Methylnaphthalene	3700		63.7	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8700	E	290	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4100		49.2	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4100		72.4	420	ug/Kg
92-52-4	1,1-Biphenyl	4100		54.2	420	ug/Kg
91-58-7	2-Chloronaphthalene	3700		55.9	420	ug/Kg
88-74-4	2-Nitroaniline	4600		120	420	ug/Kg
131-11-3	Dimethylphthalate	4100		67.4	420	ug/Kg

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208-96-8	Acenaphthylene	4400		71.9	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	5400		83.5	420	ug/Kg
99-09-2	3-Nitroaniline	2600		110	420	ug/Kg
83-32-9	Acenaphthene	4000		53.0	420	ug/Kg
51-28-5	2,4-Dinitrophenol	8300	E	570	820	ug/Kg
100-02-7	4-Nitrophenol	8300	E	270	820	ug/Kg
132-64-9	Dibenzofuran	3900		56.4	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	4800		120	420	ug/Kg
84-66-2	Diethylphthalate	4200		70.4	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4000		66.4	420	ug/Kg
86-73-7	Fluorene	4000		62.9	420	ug/Kg
100-01-6	4-Nitroaniline	4800		160	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5100		260	820	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3900		81.8	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3800		69.1	420	ug/Kg
118-74-1	Hexachlorobenzene	3300		62.9	420	ug/Kg
1912-24-9	Atrazine	4400		84.5	420	ug/Kg
87-86-5	Pentachlorophenol	7500	E	130	820	ug/Kg
85-01-8	Phenanthrene	3800		52.0	420	ug/Kg
120-12-7	Anthracene	3900		82.8	420	ug/Kg
86-74-8	Carbazole	3900		77.6	420	ug/Kg
84-74-2	Di-n-butylphthalate	4100		120	420	ug/Kg
206-44-0	Fluoranthene	3900		74.6	420	ug/Kg
129-00-0	Pyrene	5200		89.5	420	ug/Kg
85-68-7	Butylbenzylphthalate	5300		180	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900		91.3	820	ug/Kg
56-55-3	Benzo(a)anthracene	4200		57.2	420	ug/Kg
218-01-9	Chrysene	4200		49.5	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4300		150	420	ug/Kg
117-84-0	Di-n-octyl phthalate	4000		220	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	4300		47.2	420	ug/Kg

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207-08-9	Benzo(k)fluoranthene	3600		55.7	420	ug/Kg
50-32-8	Benzo(a)pyrene	4300		73.4	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4100		72.4	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4000		68.1	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4200		63.9	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4100		63.7	420	ug/Kg
123-91-1	1,4-Dioxane	3400		110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4600		68.1	420	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	164		18 - 112	110%	SPK: 150
13127-88-3	Phenol-d6	172	*	15 - 107	115%	SPK: 150
4165-60-0	Nitrobenzene-d5	120	*	18 - 107	120%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		20 - 109	101%	SPK: 100
118-79-6	2,4,6-Tribromophenol	109		10 - 116	73%	SPK: 150
1718-51-0	Terphenyl-d14	139	*	10 - 105	139%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	119000		6.887		
1146-65-2	Naphthalene-d8	453000		8.169		
15067-26-2	Acenaphthene-d10	242000		9.922		
1517-22-2	Phenanthrene-d10	395000		11.41		
1719-03-5	Chrysene-d12	306000		14.057		
1520-96-3	Perylene-d12	432000		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