

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-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Test:	SVOC-TCL BNA -20
		Final Vol:	2000
		PH :	N

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143863.D	1	10/02/25 10:00	10/02/25 19:09	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	390	U	390	820	ug/Kg
108-95-2	Phenol	55.0	U	55.0	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.5	U	60.5	420	ug/Kg
95-57-8	2-Chlorophenol	60.7	U	60.7	420	ug/Kg
95-48-7	2-Methylphenol	74.4	U	74.4	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93.3	U	93.3	420	ug/Kg
98-86-2	Acetophenone	73.4	U	73.4	420	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	820	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	200	ug/Kg
67-72-1	Hexachloroethane	43.8	U	43.8	420	ug/Kg
98-95-3	Nitrobenzene	45.5	U	45.5	420	ug/Kg
78-59-1	Isophorone	81.6	U	81.6	420	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	420	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	76.6	U	76.6	420	ug/Kg
120-83-2	2,4-Dichlorophenol	70.4	U	70.4	420	ug/Kg
91-20-3	Naphthalene	56.5	U	56.5	420	ug/Kg
106-47-8	4-Chloroaniline	88.1	U	88.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	63.0	U	63.0	420	ug/Kg
105-60-2	Caprolactam	130	U	130	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	71.4	U	71.4	420	ug/Kg
91-57-6	2-Methylnaphthalene	63.7	U	63.7	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.3	U	49.3	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	72.4	U	72.4	420	ug/Kg
92-52-4	1,1-Biphenyl	54.2	U	54.2	420	ug/Kg
91-58-7	2-Chloronaphthalene	56.0	U	56.0	420	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	420	ug/Kg
131-11-3	Dimethylphthalate	67.4	U	67.4	420	ug/Kg

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208-96-8	Acenaphthylene	71.9	U	71.9	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.6	U	83.6	420	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	420	ug/Kg
83-32-9	Acenaphthene	53.0	U	53.0	420	ug/Kg
51-28-5	2,4-Dinitrophenol	570	U	570	820	ug/Kg
100-02-7	4-Nitrophenol	270	U	270	820	ug/Kg
132-64-9	Dibenzofuran	56.5	U	56.5	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	420	ug/Kg
84-66-2	Diethylphthalate	70.4	U	70.4	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	66.4	U	66.4	420	ug/Kg
86-73-7	Fluorene	63.0	U	63.0	420	ug/Kg
100-01-6	4-Nitroaniline	160	U	160	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	260	U	260	820	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.9	U	81.9	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	69.2	U	69.2	420	ug/Kg
118-74-1	Hexachlorobenzene	63.0	U	63.0	420	ug/Kg
1912-24-9	Atrazine	84.6	U	84.6	420	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	820	ug/Kg
85-01-8	Phenanthrene	52.0	U	52.0	420	ug/Kg
120-12-7	Anthracene	82.9	U	82.9	420	ug/Kg
86-74-8	Carbazole	77.6	U	77.6	420	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	420	ug/Kg
206-44-0	Fluoranthene	74.6	U	74.6	420	ug/Kg
129-00-0	Pyrene	89.6	U	89.6	420	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	91.3	U	91.3	820	ug/Kg
56-55-3	Benzo(a)anthracene	57.2	U	57.2	420	ug/Kg
218-01-9	Chrysene	49.5	U	49.5	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	420	ug/Kg
117-84-0	Di-n-octyl phthalate	220	U	220	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	47.3	U	47.3	420	ug/Kg

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50-32-8	Benzo(a)pyrene	73.4	U	73.4	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72.4	U	72.4	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68.2	U	68.2	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63.9	U	63.9	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.7	U	63.7	420	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68.2	U	68.2	420	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	147		18 - 112	98%	SPK: 150
13127-88-3	Phenol-d6	152		15 - 107	101%	SPK: 150
4165-60-0	Nitrobenzene-d5	107		18 - 107	107%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.4		20 - 109	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	109		10 - 116	73%	SPK: 150
1718-51-0	Terphenyl-d14	116	*	10 - 105	116%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	126000	6.881
1146-65-2	Naphthalene-d8	481000	8.163
15067-26-2	Acenaphthene-d10	259000	9.922
1517-22-2	Phenanthrene-d10	433000	11.41
1719-03-5	Chrysene-d12	361000	14.051
1520-96-3	Perylene-d12	444000	15.533

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	340	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	290	J	11.9	ug/Kg
1000351-83-5	Eicosyl heptafluorobutyrate	280	J	13.9	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