

Report of Analysis

Client:	CDM Smith	Date Collected:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB1-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89
Sample Wt/Vol:	30.02 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
BP024549.D	1	05/06/25 09:25	05/06/25 16:27	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	370	U	180	370	ug/Kg
108-95-2	Phenol	190	U	24.8	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	190	U	27.3	190	ug/Kg
95-57-8	2-Chlorophenol	190	U	27.4	190	ug/Kg
95-48-7	2-Methylphenol	190	U	33.6	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	42.1	190	ug/Kg
98-86-2	Acetophenone	190	U	33.1	190	ug/Kg
65794-96-9	3+4-Methylphenols	370	U	46.1	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	89.8	U	53.2	89.8	ug/Kg
67-72-1	Hexachloroethane	190	U	19.8	190	ug/Kg
98-95-3	Nitrobenzene	190	U	20.5	190	ug/Kg
78-59-1	Isophorone	190	U	36.8	190	ug/Kg
88-75-5	2-Nitrophenol	190	U	65.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	72.8	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190	U	34.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	31.8	190	ug/Kg
91-20-3	Naphthalene	190	U	25.5	190	ug/Kg
106-47-8	4-Chloroaniline	190	U	39.7	190	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	28.4	190	ug/Kg
105-60-2	Caprolactam	370	U	58.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	190	U	32.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	190	U	28.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	370	U	130	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	190	U	22.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	U	32.7	190	ug/Kg
92-52-4	1,1-Biphenyl	190	U	24.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	190	U	25.3	190	ug/Kg
88-74-4	2-Nitroaniline	190	U	54.0	190	ug/Kg
131-11-3	Dimethylphthalate	190	U	30.4	190	ug/Kg

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208-96-8	Acenaphthylene	190	U	32.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	190	U	37.7	190	ug/Kg
99-09-2	3-Nitroaniline	190	U	51.7	190	ug/Kg
83-32-9	Acenaphthene	190	U	23.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	370	U	260	370	ug/Kg
100-02-7	4-Nitrophenol	370	U	120	370	ug/Kg
132-64-9	Dibenzofuran	190	U	25.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	56.3	190	ug/Kg
84-66-2	Diethylphthalate	190	U	31.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	190	U	30.0	190	ug/Kg
86-73-7	Fluorene	190	U	28.4	190	ug/Kg
100-01-6	4-Nitroaniline	190	U	72.1	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	120	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	190	U	36.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	190	U	31.2	190	ug/Kg
118-74-1	Hexachlorobenzene	190	U	28.4	190	ug/Kg
1912-24-9	Atrazine	190	U	38.2	190	ug/Kg
87-86-5	Pentachlorophenol	370	U	57.6	370	ug/Kg
85-01-8	Phenanthrene	190	U	23.5	190	ug/Kg
120-12-7	Anthracene	190	U	37.4	190	ug/Kg
86-74-8	Carbazole	190	U	35.0	190	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	53.8	190	ug/Kg
206-44-0	Fluoranthene	190	U	33.7	190	ug/Kg
129-00-0	Pyrene	190	U	40.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	80.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	370	U	41.2	370	ug/Kg
56-55-3	Benzo(a)anthracene	190	U	25.8	190	ug/Kg
218-01-9	Chrysene	190	U	22.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	66.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	97.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	21.3	190	ug/Kg

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50-32-8	Benzo(a)pyrene	190	U	33.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	32.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	30.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	28.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	28.7	190	ug/Kg
123-91-1	1,4-Dioxane	190	U	50.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	30.8	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	85.0		18 - 112	57%	SPK: 150
13127-88-3	Phenol-d6	80.6		15 - 107	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	55.4		18 - 107	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.9		20 - 109	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	103		10 - 116	69%	SPK: 150
1718-51-0	Terphenyl-d14	44.6		10 - 105	45%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	151000	7.704			
1146-65-2	Naphthalene-d8	615000	10.475			
15067-26-2	Acenaphthene-d10	391000	14.334			
1517-22-2	Phenanthrene-d10	806000	17.139			
1719-03-5	Chrysene-d12	923000	21.58			
1520-96-3	Perylene-d12	1080000	24.921			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB		4.87	ug/Kg
000119-61-9	Benzophenone	190	J		15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	290	J		18.1	ug/Kg
000057-11-4	Octadecanoic acid	83.5	J		19.4	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