

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167879BL	SDG No.:	Q1956
Lab Sample ID:	PB167879BL	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
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
BM050130.D	1	05/06/25 09:25	05/07/25 10:35	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	330	U	160	330	ug/Kg
108-95-2	Phenol	170	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	170	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	170	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	170	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	37.5	170	ug/Kg
98-86-2	Acetophenone	170	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	330	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	79.9	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	170	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	170	U	18.3	170	ug/Kg
78-59-1	Isophorone	170	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	170	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	28.3	170	ug/Kg
91-20-3	Naphthalene	170	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	170	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	25.3	170	ug/Kg
105-60-2	Caprolactam	330	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	170	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	170	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	170	U	27.1	170	ug/Kg

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208-96-8	Acenaphthylene	170	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	170	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	170	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	330	U	110	330	ug/Kg
132-64-9	Dibenzofuran	170	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	170	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	26.7	170	ug/Kg
86-73-7	Fluorene	170	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	170	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	330	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	170	U	25.3	170	ug/Kg
1912-24-9	Atrazine	170	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	330	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	170	U	20.9	170	ug/Kg
120-12-7	Anthracene	170	U	33.3	170	ug/Kg
86-74-8	Carbazole	170	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	170	U	30.0	170	ug/Kg
129-00-0	Pyrene	170	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	23.0	170	ug/Kg
218-01-9	Chrysene	170	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	19.0	170	ug/Kg

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207-08-9	Benzo(k)fluoranthene	170	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	170	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	27.4	170	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	128		18 - 112	86%	SPK: 150
13127-88-3	Phenol-d6	123		15 - 107	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.4		18 - 107	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.5		20 - 109	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		10 - 116	85%	SPK: 150
1718-51-0	Terphenyl-d14	89.9		10 - 105	90%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	267000	7.745
1146-65-2	Naphthalene-d8	934000	10.539
15067-26-2	Acenaphthene-d10	600000	14.392
1517-22-2	Phenanthrene-d10	1150000	17.145
1719-03-5	Chrysene-d12	917000	21.386
1520-96-3	Perylene-d12	988000	24.38

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	240	A	4.87	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