284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5MSD	SDG No.:	Q1956
Lab Sample ID:	Q1956-04MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.5
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
BP024552.D	1	05/06/25 09:25	05/06/25 18:29	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1100		170	350	ug/Kg
108-95-2	Phenol	1600		23.6	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		25.9	180	ug/Kg
95-57-8	2-Chlorophenol	1700		26.1	180	ug/Kg
95-48-7	2-Methylphenol	1700		31.9	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		40.0	180	ug/Kg
98-86-2	Acetophenone	1600		31.5	180	ug/Kg
65794-96-9	3+4-Methylphenols	1700		43.9	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		50.6	85.4	ug/Kg
67-72-1	Hexachloroethane	1600		18.8	180	ug/Kg
98-95-3	Nitrobenzene	1600		19.5	180	ug/Kg
78-59-1	Isophorone	1600		35.0	180	ug/Kg
88-75-5	2-Nitrophenol	1700		62.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		69.2	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		32.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		30.2	180	ug/Kg
91-20-3	Naphthalene	1500		24.2	180	ug/Kg
106-47-8	4-Chloroaniline	900		37.8	180	ug/Kg
87-68-3	Hexachlorobutadiene	1800		27.0	180	ug/Kg
105-60-2	Caprolactam	1700		55.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		30.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	1400		27.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4900	E	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		21.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		31.1	180	ug/Kg
92-52-4	1,1-Biphenyl	1600		23.3	180	ug/Kg
91-58-7	2-Chloronaphthalene	1600		24.0	180	ug/Kg
88-74-4	2-Nitroaniline	1900		51.4	180	ug/Kg
131-11-3	Dimethylphthalate	1600		28.9	180	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1700		30.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		35.9	180	ug/Kg
99-09-2	3-Nitroaniline	1600		49.1	180	ug/Kg
83-32-9	Acenaphthene	1600		22.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	E	240	350	ug/Kg
100-02-7	4-Nitrophenol	3500	E	110	350	ug/Kg
132-64-9	Dibenzofuran	1500		24.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		53.5	180	ug/Kg
84-66-2	Diethylphthalate	1600		30.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		28.5	180	ug/Kg
86-73-7	Fluorene	1600		27.0	180	ug/Kg
100-01-6	4-Nitroaniline	1700		68.5	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		35.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		29.7	180	ug/Kg
118-74-1	Hexachlorobenzene	1800		27.0	180	ug/Kg
1912-24-9	Atrazine	2300		36.3	180	ug/Kg
87-86-5	Pentachlorophenol	3500	E	54.8	350	ug/Kg
85-01-8	Phenanthrene	1600		22.3	180	ug/Kg
120-12-7	Anthracene	1700		35.6	180	ug/Kg
86-74-8	Carbazole	1700		33.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	1700		51.1	180	ug/Kg
206-44-0	Fluoranthene	1600		32.0	180	ug/Kg
129-00-0	Pyrene	1600		38.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	1700		76.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		39.2	350	ug/Kg
56-55-3	Benzo(a)anthracene	1700		24.6	180	ug/Kg
218-01-9	Chrysene	1600		21.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		63.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		92.7	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		20.3	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1600		23.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	1800		31.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		31.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		29.3	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		27.4	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		27.3	180	ug/Kg
123-91-1	1,4-Dioxane	1300		48.3	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		29.3	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	105		18 - 112	70%	SPK: 150
13127-88-3	Phenol-d6	99.7		15 - 107	66%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.9		18 - 107	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.1		20 - 109	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	125		10 - 116	84%	SPK: 150
1718-51-0	Terphenyl-d14	65.0		10 - 105	65%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	159000	7.705			
1146-65-2	Naphthalene-d8	650000	10.475			
15067-26-2	Acenaphthene-d10	418000	14.34			
1517-22-2	Phenanthrene-d10	822000	17.134			
1719-03-5	Chrysene-d12	923000	21.586			
1520-96-3	Perylene-d12	1090000	24.916			

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