Alliance TECHNICAL GROUP
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:	SB2-4-5MS	SDG No.:	Q1956
Lab Sample ID:	Q1956-03MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.5
Sample Wt/Vol:	30.08 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
BP024551.D	1	05/06/25 09:25	05/06/25 17:48	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	1700		23.6	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		25.9	180	ug/Kg
95-57-8	2-Chlorophenol	1700		26.0	180	ug/Kg
95-48-7	2-Methylphenol	1800		31.9	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		40.0	180	ug/Kg
98-86-2	Acetophenone	1600		31.5	180	ug/Kg
65794-96-9	3+4-Methylphenols	1800		43.8	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		50.6	85.3	ug/Kg
67-72-1	Hexachloroethane	1700		18.8	180	ug/Kg
98-95-3	Nitrobenzene	1600		19.5	180	ug/Kg
78-59-1	Isophorone	1700		35.0	180	ug/Kg
88-75-5	2-Nitrophenol	1800		62.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	2500		69.1	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	1600		24.2	180	ug/Kg
106-47-8	4-Chloroaniline	910		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	1800		30.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	1500		27.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5300	E	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		21.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		31.0	180	ug/Kg
92-52-4	1,1-Biphenyl	1600		23.3	180	ug/Kg
91-58-7	2-Chloronaphthalene	1700		24.0	180	ug/Kg
88-74-4	2-Nitroaniline	1900		51.3	180	ug/Kg
131-11-3	Dimethylphthalate	1700		28.9	180	ug/Kg

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208-96-8	Acenaphthylene	1800		30.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		35.8	180	ug/Kg
99-09-2	3-Nitroaniline	1700		49.1	180	ug/Kg
83-32-9	Acenaphthene	1600		22.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	240	350	ug/Kg
100-02-7	4-Nitrophenol	3600	E	110	350	ug/Kg
132-64-9	Dibenzofuran	1600		24.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		53.4	180	ug/Kg
84-66-2	Diethylphthalate	1700		30.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		28.5	180	ug/Kg
86-73-7	Fluorene	1700		27.0	180	ug/Kg
100-01-6	4-Nitroaniline	1700		68.5	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		35.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		29.7	180	ug/Kg
118-74-1	Hexachlorobenzene	1900		27.0	180	ug/Kg
1912-24-9	Atrazine	2400		36.3	180	ug/Kg
87-86-5	Pentachlorophenol	3600	E	54.7	350	ug/Kg
85-01-8	Phenanthrene	1700		22.3	180	ug/Kg
120-12-7	Anthracene	1800		35.5	180	ug/Kg
86-74-8	Carbazole	1700		33.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	1800		51.1	180	ug/Kg
206-44-0	Fluoranthene	1700		32.0	180	ug/Kg
129-00-0	Pyrene	1700		38.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	1900		76.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		39.1	350	ug/Kg
56-55-3	Benzo(a)anthracene	1700		24.5	180	ug/Kg
218-01-9	Chrysene	1600		21.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		63.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		92.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		20.3	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	1700		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		31.0	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		29.2	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	1400		48.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		29.2	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	110		18 - 112	73%	SPK: 150
13127-88-3	Phenol-d6	104		15 - 107	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.1		18 - 107	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.2		20 - 109	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		10 - 116	88%	SPK: 150
1718-51-0	Terphenyl-d14	70.9		10 - 105	71%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	163000	7.704			
1146-65-2	Naphthalene-d8	676000	10.475			
15067-26-2	Acenaphthene-d10	432000	14.339			
1517-22-2	Phenanthrene-d10	849000	17.133			
1719-03-5	Chrysene-d12	868000	21.586			
1520-96-3	Perylene-d12	1020000	24.921			

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