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:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB91-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.2
Sample Wt/Vol:	30.04 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
BP024553.D	1	05/06/25 09:25	05/06/25 19:10	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	370	U	170	370	ug/Kg
108-95-2	Phenol	190	U	24.5	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	190	U	26.9	190	ug/Kg
95-57-8	2-Chlorophenol	190	U	27.0	190	ug/Kg
95-48-7	2-Methylphenol	190	U	33.1	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	41.5	190	ug/Kg
98-86-2	Acetophenone	190	U	32.7	190	ug/Kg
65794-96-9	3+4-Methylphenols	370	U	45.5	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	88.6	U	52.5	88.6	ug/Kg
67-72-1	Hexachloroethane	190	U	19.5	190	ug/Kg
98-95-3	Nitrobenzene	190	U	20.3	190	ug/Kg
78-59-1	Isophorone	190	U	36.3	190	ug/Kg
88-75-5	2-Nitrophenol	190	U	64.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	71.7	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190	U	34.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	31.3	190	ug/Kg
91-20-3	Naphthalene	190	U	25.1	190	ug/Kg
106-47-8	4-Chloroaniline	190	U	39.2	190	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	28.0	190	ug/Kg
105-60-2	Caprolactam	370	U	57.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	190	U	31.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	190	U	28.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	370	U	130	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	190	U	21.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	U	32.2	190	ug/Kg
92-52-4	1,1-Biphenyl	190	U	24.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	190	U	24.9	190	ug/Kg
88-74-4	2-Nitroaniline	190	U	53.3	190	ug/Kg
131-11-3	Dimethylphthalate	190	U	30.0	190	ug/Kg

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208-96-8	Acenaphthylene	190	U	32.0	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	190	U	37.2	190	ug/Kg
99-09-2	3-Nitroaniline	190	U	50.9	190	ug/Kg
83-32-9	Acenaphthene	190	U	23.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	370	U	250	370	ug/Kg
100-02-7	4-Nitrophenol	370	U	120	370	ug/Kg
132-64-9	Dibenzofuran	190	U	25.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	55.5	190	ug/Kg
84-66-2	Diethylphthalate	190	U	31.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	190	U	29.6	190	ug/Kg
86-73-7	Fluorene	190	U	28.0	190	ug/Kg
100-01-6	4-Nitroaniline	190	U	71.1	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	110	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	190	U	36.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	190	U	30.8	190	ug/Kg
118-74-1	Hexachlorobenzene	190	U	28.0	190	ug/Kg
1912-24-9	Atrazine	190	U	37.6	190	ug/Kg
87-86-5	Pentachlorophenol	370	U	56.8	370	ug/Kg
85-01-8	Phenanthrene	190	U	23.1	190	ug/Kg
120-12-7	Anthracene	190	U	36.9	190	ug/Kg
86-74-8	Carbazole	190	U	34.5	190	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	53.0	190	ug/Kg
206-44-0	Fluoranthene	190	U	33.2	190	ug/Kg
129-00-0	Pyrene	190	U	39.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	79.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	370	U	40.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	190	U	25.5	190	ug/Kg
218-01-9	Chrysene	190	U	22.0	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	65.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	96.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	21.0	190	ug/Kg

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207-08-9	Benzo(k)fluoranthene	190	U	24.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	32.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	32.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	30.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	28.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	28.3	190	ug/Kg
123-91-1	1,4-Dioxane	190	U	50.0	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	30.3	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	92.0		18 - 112	61%	SPK: 150
13127-88-3	Phenol-d6	84.7		15 - 107	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.8		18 - 107	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.2		20 - 109	53%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		10 - 116	74%	SPK: 150
1718-51-0	Terphenyl-d14	48.7		10 - 105	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	155000	7.705			
1146-65-2	Naphthalene-d8	597000	10.475			
15067-26-2	Acenaphthene-d10	373000	14.34			
1517-22-2	Phenanthrene-d10	751000	17.14			
1719-03-5	Chrysene-d12	894000	21.58			
1520-96-3	Perylene-d12	1070000	24.904			
TENTATIVE IDENTIFIED COMPOUNDS						
000057-55-6	Propylene Glycol	120	J		3.52	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	AB		4.88	ug/Kg
000770-35-4	1-Phenoxypropan-2-ol	100	J		11.2	ug/Kg
	unknown14.563	590	J		14.6	ug/Kg
000119-61-9	Benzophenone	110	J		15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	93.4	J		18.1	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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