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:	8260D	% Solid:	93.5
Sample Wt/Vol:	6.17 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022166.D	1		05/05/25 17:51	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	45.3		0.99	4.30	ug/Kg
74-87-3	Chloromethane	46.2		0.99	4.30	ug/Kg
75-01-4	Vinyl Chloride	51.2		0.68	4.30	ug/Kg
74-83-9	Bromomethane	43.4		0.93	4.30	ug/Kg
75-00-3	Chloroethane	51.5		1.10	4.30	ug/Kg
75-69-4	Trichlorofluoromethane	46.8		1.00	4.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	46.8		0.92	4.30	ug/Kg
75-35-4	1,1-Dichloroethene	46.8		0.87	4.30	ug/Kg
67-64-1	Acetone	200		4.10	21.7	ug/Kg
75-15-0	Carbon Disulfide	41.8		0.92	4.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	42.0		0.63	4.30	ug/Kg
79-20-9	Methyl Acetate	67.4		1.30	4.30	ug/Kg
75-09-2	Methylene Chloride	43.0		3.10	8.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	47.0		0.75	4.30	ug/Kg
75-34-3	1,1-Dichloroethane	50.3		0.69	4.30	ug/Kg
110-82-7	Cyclohexane	46.7		0.68	4.30	ug/Kg
78-93-3	2-Butanone	180		5.70	21.7	ug/Kg
56-23-5	Carbon Tetrachloride	49.3		0.84	4.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	47.5		0.65	4.30	ug/Kg
74-97-5	Bromochloromethane	44.2		1.00	4.30	ug/Kg
67-66-3	Chloroform	49.7		0.73	4.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	49.7		0.81	4.30	ug/Kg
108-87-2	Methylcyclohexane	48.1		0.79	4.30	ug/Kg
71-43-2	Benzene	50.5		0.68	4.30	ug/Kg
107-06-2	1,2-Dichloroethane	44.9		0.68	4.30	ug/Kg
79-01-6	Trichloroethene	47.8		0.70	4.30	ug/Kg
78-87-5	1,2-Dichloropropane	50.3		0.79	4.30	ug/Kg
75-27-4	Bromodichloromethane	47.9		0.68	4.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	190		3.10	21.7	ug/Kg
108-88-3	Toluene	51.4		0.68	4.30	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	41.4		0.56	4.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	44.2		0.54	4.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	43.0		0.80	4.30	ug/Kg
591-78-6	2-Hexanone	180		3.20	21.7	ug/Kg
124-48-1	Dibromochloromethane	43.1		0.75	4.30	ug/Kg
106-93-4	1,2-Dibromoethane	40.2		0.76	4.30	ug/Kg
127-18-4	Tetrachloroethene	49.2		0.91	4.30	ug/Kg
108-90-7	Chlorobenzene	47.7		0.79	4.30	ug/Kg
100-41-4	Ethyl Benzene	51.9		0.58	4.30	ug/Kg
179601-23-1	m/p-Xylenes	100		1.10	8.70	ug/Kg
95-47-6	o-Xylene	51.4		0.71	4.30	ug/Kg
100-42-5	Styrene	38.0		0.62	4.30	ug/Kg
75-25-2	Bromoform	39.0		0.75	4.30	ug/Kg
98-82-8	Isopropylbenzene	55.0		0.68	4.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	42.8		1.00	4.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	45.9		1.50	4.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	44.1		1.40	4.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	44.3		1.30	4.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	36.4		1.60	4.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	28.7		2.60	4.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	25.7		2.80	4.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	56.8		70 - 134	114%	SPK: 50
2037-26-5	Toluene-d8	58.8		74 - 123	118%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		38 - 136	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	183000	7.707			
540-36-3	1,4-Difluorobenzene	282000	8.616			
3114-55-4	Chlorobenzene-d5	252000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	123000	13.347			

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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