

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:	8260D	% Solid:	93.5
Sample Wt/Vol:	5.87 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
VY022165.D	1		05/05/25 17:28	VY050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	40.8		1.00	4.60	ug/Kg
74-87-3	Chloromethane	45.3		1.00	4.60	ug/Kg
75-01-4	Vinyl Chloride	48.7		0.72	4.60	ug/Kg
74-83-9	Bromomethane	41.5		0.97	4.60	ug/Kg
75-00-3	Chloroethane	51.8		1.10	4.60	ug/Kg
75-69-4	Trichlorofluoromethane	46.3		1.10	4.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	44.5		0.97	4.60	ug/Kg
75-35-4	1,1-Dichloroethene	44.9		0.91	4.60	ug/Kg
67-64-1	Acetone	270		4.30	22.8	ug/Kg
75-15-0	Carbon Disulfide	41.0		0.97	4.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	47.4		0.67	4.60	ug/Kg
79-20-9	Methyl Acetate	86.3		1.40	4.60	ug/Kg
75-09-2	Methylene Chloride	46.5		3.20	9.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	46.9		0.78	4.60	ug/Kg
75-34-3	1,1-Dichloroethane	50.9		0.73	4.60	ug/Kg
110-82-7	Cyclohexane	45.5		0.72	4.60	ug/Kg
78-93-3	2-Butanone	230		6.00	22.8	ug/Kg
56-23-5	Carbon Tetrachloride	47.8		0.88	4.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	49.0		0.68	4.60	ug/Kg
74-97-5	Bromochloromethane	54.5		1.00	4.60	ug/Kg
67-66-3	Chloroform	50.6		0.77	4.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	48.7		0.85	4.60	ug/Kg
108-87-2	Methylcyclohexane	45.4		0.83	4.60	ug/Kg
71-43-2	Benzene	50.6		0.72	4.60	ug/Kg
107-06-2	1,2-Dichloroethane	49.1		0.72	4.60	ug/Kg
79-01-6	Trichloroethene	46.8		0.74	4.60	ug/Kg
78-87-5	1,2-Dichloropropane	51.9		0.83	4.60	ug/Kg
75-27-4	Bromodichloromethane	50.9		0.71	4.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	250		3.30	22.8	ug/Kg
108-88-3	Toluene	52.4		0.71	4.60	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	45.6		0.59	4.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	45.7		0.56	4.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	48.1		0.84	4.60	ug/Kg
591-78-6	2-Hexanone	240		3.40	22.8	ug/Kg
124-48-1	Dibromochloromethane	47.7		0.79	4.60	ug/Kg
106-93-4	1,2-Dibromoethane	46.5		0.80	4.60	ug/Kg
127-18-4	Tetrachloroethene	47.7		0.96	4.60	ug/Kg
108-90-7	Chlorobenzene	46.7		0.83	4.60	ug/Kg
100-41-4	Ethyl Benzene	49.8		0.61	4.60	ug/Kg
179601-23-1	m/p-Xylenes	100		1.10	9.10	ug/Kg
95-47-6	o-Xylene	49.4		0.75	4.60	ug/Kg
100-42-5	Styrene	36.0		0.65	4.60	ug/Kg
75-25-2	Bromoform	44.1		0.78	4.60	ug/Kg
98-82-8	Isopropylbenzene	50.0		0.71	4.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	46.9		1.10	4.60	ug/Kg
541-73-1	1,3-Dichlorobenzene	42.5		1.60	4.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	42.8		1.40	4.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	42.8		1.30	4.60	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	43.7		1.70	4.60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	29.2		2.70	4.60	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	27.7		2.90	4.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.9		63 - 155	112%	SPK: 50
1868-53-7	Dibromofluoromethane	58.1		70 - 134	116%	SPK: 50
2037-26-5	Toluene-d8	60.8		74 - 123	122%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6		38 - 136	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	169000	7.707			
540-36-3	1,4-Difluorobenzene	262000	8.615			
3114-55-4	Chlorobenzene-d5	243000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	125000	13.346			

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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