284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: Q1582 SAS No.: Q1582 SDG No.: Q1582

Instrument ID: MSVOA_X Calibration Date/Time: 03/20/2025 19:51

Lab File ID: VX045373.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.629	0.546		-13.2	50
Chloromethane	0.770	0.601	0.1	-21.95	50
Vinyl Chloride	0.764	0.594		-22.25	50
Bromomethane	0.300	0.259		-13.67	50
Chloroethane	0.352	0.320		-9.09	50
Trichlorofluoromethane	1.012	0.904		-10.67	50
1,1,2-Trichlorotrifluoroethane	0.581	0.581		0	50
1,1-Dichloroethene	0.614	0.558		-9.12	50
Acetone	0.369	0.342		-7.32	50
Carbon Disulfide	1.636	1.126		-31.17	50
Methyl tert-butyl Ether	2.061	1.989		-3.49	50
Methyl Acetate	0.888	1.121		26.24	50
Methylene Chloride	0.731	0.652		-10.81	50
trans-1,2-Dichloroethene	0.607	0.567		-6.59	50
1,1-Dichloroethane	1.247	1.210	0.1	-2.97	50
Cyclohexane	1.082	0.980		-9.43	50
2-Butanone	0.555	0.537		-3.24	50
Carbon Tetrachloride	0.465	0.466		0.22	50
cis-1,2-Dichloroethene	0.749	0.714		-4.67	50
Bromochloromethane	0.594	0.568		-4.38	50
Chloroform	1.239	1.236		-0.24	50
1,1,1-Trichloroethane	1.000	0.996		-0.4	50
Methylcyclohexane	0.549	0.531		-3.28	50
Benzene	1.448	1.385		-4.35	50
1,2-Dichloroethane	0.521	0.556		6.72	50
Trichloroethene	0.340	0.321		-5.59	50
1,2-Dichloropropane	0.372	0.352		-5.38	50
Bromodichloromethane	0.516	0.526		1.94	50
4-Methyl-2-Pentanone	0.587	0.593		1.02	50
Toluene	0.849	0.828		-2.47	50
t-1,3-Dichloropropene	0.431	0.432		0.23	50
cis-1,3-Dichloropropene	0.503	0.513		1.99	50
1,1,2-Trichloroethane	0.350	0.340		-2.86	50
2-Hexanone	0.425	0.433		1.88	50
Dibromochloromethane	0.366	0.361		-1.37	50
1,2-Dibromoethane	0.349	0.338		-3.15	50
Tetrachloroethene	0.320	0.329		2.81	50
Chlorobenzene	1.058	1.053	0.3	-0.47	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.843	1.886		2.33	50
m/p-Xylenes	0.675	0.679		0.59	50
o-Xylene	0.681	0.678		-0.44	50
Styrene	1.101	1.135		3.09	50
Bromoform	0.266	0.271	0.1	1.88	50
Isopropylbenzene	3.903	3.887		-0.41	50
1,1,2,2-Tetrachloroethane	1.432	1.384	0.3	-3.35	50
1,3-Dichlorobenzene	1.643	1.603		-2.43	50
1,4-Dichlorobenzene	1.662	1.582		-4.81	50
1,2-Dichlorobenzene	1.648	1.615		-2	50
1,2-Dibromo-3-Chloropropane	0.279	0.286		2.51	50
1,2,4-Trichlorobenzene	0.938	0.947		0.96	50
1,2,3-Trichlorobenzene	0.990	0.976		-1.41	50
1,2-Dichloroethane-d4	0.795	0.755		-5.03	50
Dibromofluoromethane	0.334	0.314		-5.99	50
Toluene-d8	1.212	1.052		-13.2	50
4-Bromofluorobenzene	0.402	0.370		-7.96	50

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.