284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: FIRS02
Lab Code: ACE
SDG No.: Q2814
Instrument ID: MSVOA_X
Calibration Date/Time: 08/12/2025 18:54
Lab File ID: VX047307.D
Init. Calib. Date(s): 07/21/2025 07/21/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:47 11:32
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.664	0.735		10.69	50
Chloromethane	0.657	0.631	0.1	-3.96	50
Vinyl Chloride	0.706	0.753		6.66	50
Bromomethane	0.384	0.327		-14.84	50
Chloroethane	0.464	0.445		-4.09	50
Trichlorofluoromethane	1.053	1.120		6.36	50
1,1,2-Trichlorotrifluoroethane	0.634	0.661		4.26	50
1,1-Dichloroethene	0.628	0.651		3.66	50
Acetone	0.250	0.248		-0.8	50
Carbon Disulfide	1.818	1.760		-3.19	50
Methyl tert-butyl Ether	1.912	2.036		6.49	50
Methyl Acetate	0.663	0.773		16.59	50
Methylene Chloride	0.686	0.707		3.06	50
trans-1,2-Dichloroethene	0.643	0.672		4.51	50
1,1-Dichloroethane	1.214	1.249	0.1	2.88	50
Cyclohexane	1.164	1.109		-4.72	50
2-Butanone	0.363	0.360		-0.83	50
Carbon Tetrachloride	0.562	0.558		-0.71	50
cis-1,2-Dichloroethene	0.761	0.788		3.55	50
Bromochloromethane	0.559	0.602		7.69	50
Chloroform	1.236	1.266		2.43	50
1,1,1-Trichloroethane	1.074	1.097		2.14	50
Methylcyclohexane	0.657	0.620		-5.63	50
Benzene	1.523	1.543		1.31	50
1,2-Dichloroethane	0.536	0.554		3.36	50
Trichloroethene	0.391	0.393		0.51	50
1,2-Dichloropropane	0.381	0.387		1.58	50
Bromodichloromethane	0.569	0.583		2.46	50
4-Methyl-2-Pentanone	0.449	0.484		7.8	50
Toluene	0.936	0.964		2.99	50
t-1,3-Dichloropropene	0.538	0.513		-4.65	50
cis-1,3-Dichloropropene	0.588	0.569		-3.23	50
1,1,2-Trichloroethane	0.351	0.363		3.42	50
2-Hexanone	0.297	0.337		13.47	50
Dibromochloromethane	0.412	0.428		3.88	50
1,2-Dibromoethane	0.367	0.374		1.91	50
Tetrachloroethene	0.360	0.362		0.56	50
Chlorobenzene	1.171	1.188	0.3	1.45	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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Ethyl Benzene	2.048	2.104		2.73	50
m/p-Xylenes	0.766	0.789		3	50
o-Xylene	0.729	0.756		3.7	50
Styrene	1.250	1.307		4.56	50
Bromoform	0.300	0.314	0.1	4.67	50
Isopropylbenzene	3.945	3.955		0.25	50
1,1,2,2-Tetrachloroethane	1.127	1.184	0.3	5.06	50
1,3-Dichlorobenzene	1.798	1.779		-1.06	50
1,4-Dichlorobenzene	1.821	1.791		-1.65	50
1,2-Dichlorobenzene	1.718	1.727		0.52	50
1,2-Dibromo-3-Chloropropane	0.216	0.232		7.41	50
1,2,4-Trichlorobenzene	1.135	1.124		-0.97	50
1,2,3-Trichlorobenzene	1.094	1.055		-3.57	50
1,2-Dichloroethane-d4	0.623	0.603		-3.21	50
Dibromofluoromethane	0.309	0.319		3.24	50
Toluene-d8	1.000	0.897		-10.3	50
4-Bromofluorobenzene	0.431	0.423		-1.86	50

All other compounds must meet a minimum RRF of 0.010.
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