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: 08/14/2025 10:37
Lab File ID: VX047336.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	0.627		-5.57	20
Chloromethane	0.657	0.527	0.1	-19.79	20
Vinyl Chloride	0.706	0.666		-5.67	20
Bromomethane	0.384	0.350		-8.85	20
Chloroethane	0.464	0.390		-15.95	20
Trichlorofluoromethane	1.053	1.002		-4.84	20
1,1,2-Trichlorotrifluoroethane	0.634	0.593		-6.47	20
1,1-Dichloroethene	0.628	0.585		-6.85	20
Acetone	0.250	0.257		2.8	20
Carbon Disulfide	1.818	1.552		-14.63	20
Methyl tert-butyl Ether	1.912	1.925		0.68	20
Methyl Acetate	0.663	0.739		11.46	20
Methylene Chloride	0.686	0.648		-5.54	20
trans-1,2-Dichloroethene	0.643	0.610		-5.13	20
1,1-Dichloroethane	1.214	1.163	0.1	-4.2	20
Cyclohexane	1.164	1.011		-13.14	20
2-Butanone	0.363	0.345		-4.96	20
Carbon Tetrachloride	0.562	0.519		-7.65	20
cis-1,2-Dichloroethene	0.761	0.724		-4.86	20
Bromochloromethane	0.559	0.546		-2.33	20
Chloroform	1.236	1.187		-3.96	20
1,1,1-Trichloroethane	1.074	1.011		-5.87	20
Methylcyclohexane	0.657	0.575		-12.48	20
Benzene	1.523	1.454		-4.53	20
1,2-Dichloroethane	0.536	0.536		0	20
Trichloroethene	0.391	0.369		-5.63	20
1,2-Dichloropropane	0.381	0.370		-2.89	20
Bromodichloromethane	0.569	0.561		-1.41	20
4-Methyl-2-Pentanone	0.449	0.461		2.67	20
Toluene	0.936	0.914		-2.35	20
t-1,3-Dichloropropene	0.538	0.522		-2.97	20
cis-1,3-Dichloropropene	0.588	0.566		-3.74	20
1,1,2-Trichloroethane	0.351	0.357		1.71	20
2-Hexanone	0.297	0.319		7.41	20
Dibromochloromethane	0.412	0.417		1.21	20
1,2-Dibromoethane	0.367	0.364		-0.82	20
Tetrachloroethene	0.360	0.333		-7.5	20
Chlorobenzene	1.171	1.128	0.3	-3.67	20

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	1.958		-4.39	20
m/p-Xylenes	0.766	0.731		-4.57	20
o-Xylene	0.729	0.710		-2.61	20
Styrene	1.250	1.243		-0.56	20
Bromoform	0.300	0.308	0.1	2.67	20
Isopropylbenzene	3.945	3.721		-5.68	20
1,1,2,2-Tetrachloroethane	1.127	1.125	0.3	-0.18	20
1,3-Dichlorobenzene	1.798	1.687		-6.17	20
1,4-Dichlorobenzene	1.821	1.704		-6.43	20
1,2-Dichlorobenzene	1.718	1.623		-5.53	20
1,2-Dibromo-3-Chloropropane	0.216	0.226		4.63	20
1,2,4-Trichlorobenzene	1.135	1.084		-4.49	20
1,2,3-Trichlorobenzene	1.094	1.040		-4.94	20
1,2-Dichloroethane-d4	0.623	0.665		6.74	20
Dibromofluoromethane	0.309	0.308		-0.32	20
Toluene-d8	1.000	1.081		8.1	20
4-Bromofluorobenzene	0.431	0.410		-4.87	20

All other compounds must meet a minimum RRF of 0.010.
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