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 17:48
Lab File ID: VX047346.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	0.592		-10.84	50
Chloromethane	0.657	0.561	0.1	-14.61	50
Vinyl Chloride	0.706	0.638		-9.63	50
Bromomethane	0.384	0.270		-29.69	50
Chloroethane	0.464	0.457		-1.51	50
Trichlorofluoromethane	1.053	0.938		-10.92	50
1,1,2-Trichlorotrifluoroethane	0.634	0.549		-13.41	50
1,1-Dichloroethene	0.628	0.579		-7.8	50
Acetone	0.250	0.274		9.6	50
Carbon Disulfide	1.818	1.560		-14.19	50
Methyl tert-butyl Ether	1.912	1.995		4.34	50
Methyl Acetate	0.663	0.867		30.77	50
Methylene Chloride	0.686	0.677		-1.31	50
trans-1,2-Dichloroethene	0.643	0.610		-5.13	50
1,1-Dichloroethane	1.214	1.180	0.1	-2.8	50
Cyclohexane	1.164	0.933		-19.84	50
2-Butanone	0.363	0.385		6.06	50
Carbon Tetrachloride	0.562	0.490		-12.81	50
cis-1,2-Dichloroethene	0.761	0.746		-1.97	50
Bromochloromethane	0.559	0.572		2.33	50
Chloroform	1.236	1.238		0.16	50
1,1,1-Trichloroethane	1.074	1.001		-6.8	50
Methylcyclohexane	0.657	0.503		-23.44	50
Benzene	1.523	1.409		-7.49	50
1,2-Dichloroethane	0.536	0.523		-2.42	50
Trichloroethene	0.391	0.344		-12.02	50
1,2-Dichloropropane	0.381	0.361		-5.25	50
Bromodichloromethane	0.569	0.548		-3.69	50
4-Methyl-2-Pentanone	0.449	0.492		9.58	50
Toluene	0.936	0.864		-7.69	50
t-1,3-Dichloropropene	0.538	0.507		-5.76	50
cis-1,3-Dichloropropene	0.588	0.548		-6.8	50
1,1,2-Trichloroethane	0.351	0.357		1.71	50
2-Hexanone	0.297	0.346		16.5	50
Dibromochloromethane	0.412	0.409		-0.73	50
1,2-Dibromoethane	0.367	0.365		-0.55	50
Tetrachloroethene	0.360	0.299		-16.94	50
Chlorobenzene	1.171	1.048	0.3	-10.5	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	2.048	1.787		-12.74	50
m/p-Xylenes	0.766	0.672		-12.27	50
o-Xylene	0.729	0.662		-9.19	50
Styrene	1.250	1.142		-8.64	50
Bromoform	0.300	0.291	0.1	-3	50
Isopropylbenzene	3.945	3.369		-14.6	50
1,1,2,2-Tetrachloroethane	1.127	1.109	0.3	-1.6	50
1,3-Dichlorobenzene	1.798	1.563		-13.07	50
1,4-Dichlorobenzene	1.821	1.579		-13.29	50
1,2-Dichlorobenzene	1.718	1.524		-11.29	50
1,2-Dibromo-3-Chloropropane	0.216	0.228		5.56	50
1,2,4-Trichlorobenzene	1.135	1.012		-10.84	50
1,2,3-Trichlorobenzene	1.094	0.972		-11.15	50
1,2-Dichloroethane-d4	0.623	0.682		9.47	50
Dibromofluoromethane	0.309	0.292		-5.5	50
Toluene-d8	1.000	0.990		-1	50
4-Bromofluorobenzene	0.431	0.390		-9.51	50

All other compounds must meet a minimum RRF of 0.010.
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