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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: M2AS01
Lab Code: ACE
SDG No.: Q3201
Instrument ID: MSVOA_V
Calibration Date/Time: 10/06/2025 11:46
Lab File ID: VV039265.D
Init. Calib. Date(s): 09/22/2025 09/22/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:26 16:35
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.792	0.589		-25.63	20
Chloromethane	0.850	0.614	0.1	-27.76	20
Vinyl Chloride	0.910	0.729		-19.89	20
Bromomethane	0.573	0.454		-20.77	20
Chloroethane	0.631	0.482		-23.61	20
Trichlorofluoromethane	1.317	1.128		-14.35	20
1,1,2-Trichlorotrifluoroethane	0.784	0.701		-10.59	20
Tert butyl alcohol	0.153	0.159		3.92	20
1,1-Dichloroethene	0.754	0.655		-13.13	20
Acetone	0.523	0.426		-18.55	20
Carbon Disulfide	2.306	1.698		-26.37	20
Methyl tert-butyl Ether	2.402	2.436		1.41	20
Methyl Acetate	1.072	1.199		11.85	20
Methylene Chloride	1.066	0.783		-26.55	20
trans-1,2-Dichloroethene	0.803	0.692		-13.82	20
1,1-Dichloroethane	1.576	1.357	0.1	-13.9	20
Cyclohexane	1.291	1.000		-22.54	20
2-Butanone	0.579	0.565		-2.42	20
Carbon Tetrachloride	0.743	0.660		-11.17	20
cis-1,2-Dichloroethene	0.885	0.852		-3.73	20
Bromochloromethane	0.696	0.639		-8.19	20
Chloroform	1.645	1.436		-12.7	20
1,1,1-Trichloroethane	1.424	1.201		-15.66	20
Methylcyclohexane	0.734	0.658		-10.35	20
Benzene	1.979	1.845		-6.77	20
1,2-Dichloroethane	0.693	0.637		-8.08	20
Trichloroethene	0.457	0.456		-0.22	20
1,2-Dichloropropane	0.492	0.476		-3.25	20
Bromodichloromethane	0.778	0.743		-4.5	20
4-Methyl-2-Pentanone	0.661	0.713		7.87	20
Toluene	1.147	1.171		2.09	20
t-1,3-Dichloropropene	0.678	0.734		8.26	20
cis-1,3-Dichloropropene	0.749	0.786		4.94	20
1,1,2-Trichloroethane	0.514	0.508		-1.17	20
2-Hexanone	0.463	0.535		15.55	20
Dibromochloromethane	0.586	0.602		2.73	20
1,2-Dibromoethane	0.526	0.549		4.37	20
Tetrachloroethene	0.419	0.393		-6.2	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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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.393	1.369	0.3	-1.72	20
Ethyl Benzene	2.108	2.229		5.74	20
m/p-Xylenes	0.814	0.895		9.95	20
o-Xylene	0.720	0.826		14.72	20
Styrene	1.263	1.504		19.08	20
Bromoform	0.393	0.433	0.1	10.18	20
Isopropylbenzene	3.627	3.696		1.9	20
1,1,2,2-Tetrachloroethane	1.589	1.415	0.3	-10.95	20
1,3-Dichlorobenzene	1.904	1.856		-2.52	20
1,4-Dichlorobenzene	2.089	1.920		-8.09	20
1,2-Dichlorobenzene	1.779	1.762		-0.96	20
1,2-Dibromo-3-Chloropropane	0.330	0.311		-5.76	20
1,2,4-Trichlorobenzene	1.020	1.084		6.28	20
1,2,3-Trichlorobenzene	1.043	1.124		7.77	20
1,2-Dichloroethane-d4	0.724	0.551		-23.9	20
Dibromofluoromethane	0.402	0.352		-12.44	20
Toluene-d8	1.181	0.939		-20.49	20
4-Bromofluorobenzene	0.486	0.476		-2.06	20

All other compounds must meet a minimum RRF of 0.010.
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