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.: Q2820
Instrument ID: MSVOA_W
Calibration Date/Time: 08/14/2025 19:32
Lab File ID: VW032105.D
Init. Calib. Date(s): 08/11/2025 08/11/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 08:25 11:08
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.358	0.320		-10.61	50
Chloromethane	0.482	0.409	0.1	-15.15	50
Vinyl Chloride	0.583	0.500		-14.24	50
Bromomethane	0.437	0.428		-2.06	50
Chloroethane	0.386	0.359		-6.99	50
Trichlorofluoromethane	0.467	0.483		3.43	50
1,1,2-Trichlorotrifluoroethane	0.551	0.543		-1.45	50
1,1-Dichloroethene	0.606	0.595		-1.82	50
Acetone	0.167	0.155		-7.19	50
Carbon Disulfide	1.628	1.296		-20.39	50
Methyl tert-butyl Ether	1.068	1.004		-5.99	50
Methyl Acetate	0.530	0.562		6.04	50
Methylene Chloride	0.774	0.649		-16.15	50
trans-1,2-Dichloroethene	0.644	0.594		-7.76	50
1,1-Dichloroethane	1.189	1.090	0.1	-8.33	50
Cyclohexane	1.031	0.799		-22.5	50
2-Butanone	0.238	0.223		-6.3	50
Carbon Tetrachloride	0.439	0.449		2.28	50
cis-1,2-Dichloroethene	0.752	0.737		-2	50
Bromochloromethane	0.541	0.553		2.22	50
Chloroform	1.260	1.273		1.03	50
1,1,1-Trichloroethane	0.915	0.845		-7.65	50
Methylcyclohexane	0.555	0.498		-10.27	50
Benzene	1.415	1.412		-0.21	50
1,2-Dichloroethane	0.453	0.496		9.49	50
Trichloroethene	0.337	0.343		1.78	50
1,2-Dichloropropane	0.342	0.340		-0.58	50
Bromodichloromethane	0.509	0.543		6.68	50
4-Methyl-2-Pentanone	0.279	0.300		7.53	50
Toluene	0.892	0.913		2.35	50
t-1,3-Dichloropropene	0.476	0.465		-2.31	50
cis-1,3-Dichloropropene	0.541	0.523		-3.33	50
1,1,2-Trichloroethane	0.293	0.307		4.78	50
2-Hexanone	0.193	0.209		8.29	50
Dibromochloromethane	0.335	0.360		7.46	50
1,2-Dibromoethane	0.285	0.303		6.32	50
Tetrachloroethene	0.289	0.328		13.49	50
Chlorobenzene	1.088	1.070	0.3	-1.65	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	1.846		0.16	50
m/p-Xylenes	0.711	0.699		-1.69	50
o-Xylene	0.657	0.665		1.22	50
Styrene	1.168	1.204		3.08	50
Bromoform	0.194	0.214	0.1	10.31	50
Isopropylbenzene	3.494	3.253		-6.9	50
1,1,2,2-Tetrachloroethane	0.830	0.789	0.3	-4.94	50
1,3-Dichlorobenzene	1.661	1.628		-1.99	50
1,4-Dichlorobenzene	1.678	1.633		-2.68	50
1,2-Dichlorobenzene	1.504	1.469		-2.33	50
1,2-Dibromo-3-Chloropropane	0.147	0.132		-10.2	50
1,2,4-Trichlorobenzene	0.900	0.879		-2.33	50
1,2,3-Trichlorobenzene	0.819	0.820		0.12	50
1,2-Dichloroethane-d4	0.723	0.767		6.09	50
Dibromofluoromethane	0.323	0.350		8.36	50
Toluene-d8	1.195	1.268		6.11	50
4-Bromofluorobenzene	0.440	0.446		1.36	50

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