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.: Q2819
Instrument ID: MSVOA_W
Calibration Date/Time: 08/11/2025 19:31
Lab File ID: VW032078.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	0.297		-17.04	50
Chloromethane	0.482	0.408	0.1	-15.35	50
Vinyl Chloride	0.583	0.499		-14.41	50
Bromomethane	0.437	0.376		-13.96	50
Chloroethane	0.386	0.340		-11.92	50
Trichlorofluoromethane	0.467	0.408		-12.63	50
1,1,2-Trichlorotrifluoroethane	0.551	0.478		-13.25	50
1,1-Dichloroethene	0.606	0.534		-11.88	50
Acetone	0.167	0.136		-18.56	50
Carbon Disulfide	1.628	1.406		-13.64	50
Methyl tert-butyl Ether	1.068	1.029		-3.65	50
Methyl Acetate	0.530	0.584		10.19	50
Methylene Chloride	0.774	0.639		-17.44	50
trans-1,2-Dichloroethene	0.644	0.595		-7.61	50
1,1-Dichloroethane	1.189	1.078	0.1	-9.34	50
Cyclohexane	1.031	0.892		-13.48	50
2-Butanone	0.238	0.227		-4.62	50
Carbon Tetrachloride	0.439	0.405		-7.74	50
cis-1,2-Dichloroethene	0.752	0.723		-3.86	50
Bromochloromethane	0.541	0.530		-2.03	50
Chloroform	1.260	1.191		-5.48	50
1,1,1-Trichloroethane	0.915	0.823		-10.06	50
Methylcyclohexane	0.555	0.536		-3.42	50
Benzene	1.415	1.355		-4.24	50
1,2-Dichloroethane	0.453	0.436		-3.75	50
Trichloroethene	0.337	0.314		-6.82	50
1,2-Dichloropropane	0.342	0.335		-2.05	50
Bromodichloromethane	0.509	0.497		-2.36	50
4-Methyl-2-Pentanone	0.279	0.281		0.72	50
Toluene	0.892	0.879		-1.46	50
t-1,3-Dichloropropene	0.476	0.456		-4.2	50
cis-1,3-Dichloropropene	0.541	0.524		-3.14	50
1,1,2-Trichloroethane	0.293	0.288		-1.71	50
2-Hexanone	0.193	0.196		1.55	50
Dibromochloromethane	0.335	0.325		-2.98	50
1,2-Dibromoethane	0.285	0.280		-1.75	50
Tetrachloroethene	0.289	0.259		-10.38	50
Chlorobenzene	1.088	0.977	0.3	-10.2	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	1.690		-8.3	50
m/p-Xylenes	0.711	0.638		-10.27	50
o-Xylene	0.657	0.626		-4.72	50
Styrene	1.168	1.112		-4.8	50
Bromoform	0.194	0.187	0.1	-3.61	50
Isopropylbenzene	3.494	3.384		-3.15	50
1,1,2,2-Tetrachloroethane	0.830	0.788	0.3	-5.06	50
1,3-Dichlorobenzene	1.661	1.530		-7.89	50
1,4-Dichlorobenzene	1.678	1.525		-9.12	50
1,2-Dichlorobenzene	1.504	1.482		-1.46	50
1,2-Dibromo-3-Chloropropane	0.147	0.138		-6.12	50
1,2,4-Trichlorobenzene	0.900	0.856		-4.89	50
1,2,3-Trichlorobenzene	0.819	0.841		2.69	50
1,2-Dichloroethane-d4	0.723	0.712		-1.52	50
Dibromofluoromethane	0.323	0.320		-0.93	50
Toluene-d8	1.195	1.199		0.34	50
4-Bromofluorobenzene	0.440	0.437		-0.68	50

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