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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2964
Instrument ID: MSVOA_X
Calibration Date/Time: 08/27/2025 12:23
Lab File ID: VX047534.D
Init. Calib. Date(s): 08/15/2025 08/15/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:40 12:30
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.637	0.559		-12.24	20
Chloromethane	0.573	0.524	0.1	-8.55	20
Vinyl Chloride	0.720	0.660		-8.33	20
Bromomethane	0.291	0.332		14.09	20
Chloroethane	0.440	0.403		-8.41	20
Trichlorofluoromethane	1.065	0.980		-7.98	20
1,1,2-Trichlorotrifluoroethane	0.618	0.598		-3.24	20
1,1-Dichloroethene	0.630	0.594		-5.71	20
Acetone	0.263	0.313		19.01	20
Carbon Disulfide	1.900	1.541		-18.9	20
Methyl tert-butyl Ether	1.915	2.083		8.77	20
Methyl Acetate	0.682	0.833		22.14	20
Methylene Chloride	0.697	0.697		0	20
trans-1,2-Dichloroethene	0.668	0.641		-4.04	20
1,1-Dichloroethane	1.222	1.264	0.1	3.44	20
Cyclohexane	1.126	0.964		-14.39	20
2-Butanone	0.344	0.396		15.12	20
Carbon Tetrachloride	0.560	0.529		-5.54	20
cis-1,2-Dichloroethene	0.778	0.789		1.41	20
Bromochloromethane	0.508	0.540		6.3	20
Chloroform	1.247	1.291		3.53	20
1,1,1-Trichloroethane	1.073	1.072		-0.09	20
Methylcyclohexane	0.639	0.522		-18.31	20
Benzene	1.533	1.529		-0.26	20
1,2-Dichloroethane	0.543	0.562		3.5	20
Trichloroethene	0.393	0.386		-1.78	20
1,2-Dichloropropane	0.384	0.403		4.95	20
Bromodichloromethane	0.578	0.610		5.54	20
4-Methyl-2-Pentanone	0.440	0.469		6.59	20
Toluene	0.947	0.951		0.42	20
t-1,3-Dichloropropene	0.505	0.569		12.67	20
cis-1,3-Dichloropropene	0.571	0.626		9.63	20
1,1,2-Trichloroethane	0.360	0.374		3.89	20
2-Hexanone	0.304	0.328		7.89	20
Dibromochloromethane	0.428	0.453		5.84	20
1,2-Dibromoethane	0.371	0.382		2.96	20
Tetrachloroethene	0.362	0.332		-8.29	20
Chlorobenzene	1.188	1.197	0.3	0.76	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
Ethyl Benzene	2.045	2.023		-1.08	20
m/p-Xylenes	0.763	0.762		-0.13	20
o-Xylene	0.734	0.746		1.63	20
Styrene	1.240	1.306		5.32	20
Bromoform	0.302	0.315	0.1	4.3	20
Isopropylbenzene	3.913	3.925		0.31	20
1,1,2,2-Tetrachloroethane	1.149	1.197	0.3	4.18	20
1,3-Dichlorobenzene	1.825	1.800		-1.37	20
1,4-Dichlorobenzene	1.877	1.847		-1.6	20
1,2-Dichlorobenzene	1.733	1.760		1.56	20
1,2-Dibromo-3-Chloropropane	0.222	0.220		-0.9	20
1,2,4-Trichlorobenzene	1.161	1.057		-8.96	20
1,2,3-Trichlorobenzene	1.095	0.977		-10.78	20
1,2-Dichloroethane-d4	0.700	0.694		-0.86	20
Dibromofluoromethane	0.325	0.333		2.46	20
Toluene-d8	1.160	1.128		-2.76	20
4-Bromofluorobenzene	0.428	0.430		0.47	20

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