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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GARD04
Lab Code: ACE
SDG No.: Q3361
Instrument ID: MSVOA_X
Calibration Date/Time: 10/17/2025 09:55
Lab File ID: VX048201.D
Init. Calib. Date(s): 10/17/2025 10/17/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 08:45 10:36
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.525	0.517		-1.52	
Chloromethane	0.636	0.607		-4.56	
Vinyl Chloride	0.670	0.673		0.45	
Bromomethane	0.445	0.434		-2.47	
Chloroethane	0.426	0.404		-5.16	
Trichlorofluoromethane	1.052	1.030		-2.09	
1,1,2-Trichlorotrifluoroethane	0.593	0.581		-2.02	
1,1-Dichloroethene	0.579	0.569		-1.73	
Acetone	0.264	0.251		-4.92	
Carbon Disulfide	1.783	1.746		-2.13	
Methyl tert-butyl Ether	1.745	1.779		1.95	
Methyl Acetate	0.538	0.542		0.74	
Methylene Chloride	0.644	0.636		-1.24	
trans-1,2-Dichloroethene	0.599	0.614		2.5	
1,1-Dichloroethane	1.158	1.127		-2.68	
Cyclohexane	0.947	0.925		-2.32	
2-Butanone	0.308	0.314		1.95	
Carbon Tetrachloride	0.561	0.575		2.5	
cis-1,2-Dichloroethene	0.711	0.708		-0.42	
Bromochloromethane	0.534	0.563		5.43	
Chloroform	1.219	1.166		-4.35	
1,1,1-Trichloroethane	1.002	0.969		-3.29	
Methylcyclohexane	0.551	0.576		4.54	
Benzene	1.452	1.497		3.1	
1,2-Dichloroethane	0.520	0.546		5	
Trichloroethene	0.366	0.367		0.27	
1,2-Dichloropropane	0.367	0.377		2.72	
Bromodichloromethane	0.571	0.582		1.93	
4-Methyl-2-Pentanone	0.365	0.395		8.22	
Toluene	0.872	0.927		6.31	
t-1,3-Dichloropropene	0.535	0.568		6.17	
cis-1,3-Dichloropropene	0.583	0.617		5.83	
1,1,2-Trichloroethane	0.326	0.335		2.76	
2-Hexanone	0.255	0.277		8.63	
Dibromochloromethane	0.407	0.424		4.18	
1,2-Dibromoethane	0.334	0.346		3.59	
Tetrachloroethene	0.351	0.350		-0.28	
Chlorobenzene	1.093	1.125		2.93	

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	1.874	1.980		5.66	
m/p-Xylenes	0.698	0.741		6.16	
o-Xylene	0.657	0.701		6.7	
Styrene	1.131	1.233		9.02	
Bromoform	0.289	0.298		3.11	
Isopropylbenzene	3.478	3.696		6.27	
1,1,2,2-Tetrachloroethane	0.985	1.015		3.05	
1,3-Dichlorobenzene	1.628	1.681		3.26	
1,4-Dichlorobenzene	1.687	1.718		1.84	
1,2-Dichlorobenzene	1.538	1.603		4.23	
1,2-Dibromo-3-Chloropropane	0.180	0.168		-6.67	
1,2,4-Trichlorobenzene	0.908	0.937		3.19	
1,2,3-Trichlorobenzene	0.838	0.914		9.07	
1,2-Dichloroethane-d4	0.775	0.732		-5.55	
Dibromofluoromethane	0.347	0.342		-1.44	
Toluene-d8	1.250	1.262		0.96	
4-Bromofluorobenzene	0.455	0.450		-1.1	

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