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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: EARTH03
Lab Code: ACE
SDG No.: Q2818
Instrument ID: MSVOA_W
Calibration Date/Time: 08/11/2025 10:09
Lab File ID: VW032055.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	0.336		-6.14	
Chloromethane	0.482	0.438		-9.13	
Vinyl Chloride	0.583	0.530		-9.09	
Bromomethane	0.437	0.411		-5.95	
Chloroethane	0.386	0.367		-4.92	
Trichlorofluoromethane	0.467	0.464		-0.64	
1,1,2-Trichlorotrifluoroethane	0.551	0.517		-6.17	
1,1-Dichloroethene	0.606	0.575		-5.12	
Acetone	0.167	0.163		-2.39	
Carbon Disulfide	1.628	1.557		-4.36	
Methyl tert-butyl Ether	1.068	1.102		3.18	
Methyl Acetate	0.530	0.555		4.72	
Methylene Chloride	0.774	0.681		-12.02	
trans-1,2-Dichloroethene	0.644	0.627		-2.64	
1,1-Dichloroethane	1.189	1.157		-2.69	
Cyclohexane	1.031	0.961		-6.79	
2-Butanone	0.238	0.255		7.14	
Carbon Tetrachloride	0.439	0.448		2.05	
cis-1,2-Dichloroethene	0.752	0.749		-0.4	
Bromochloromethane	0.541	0.543		0.37	
Chloroform	1.260	1.235		-1.98	
1,1,1-Trichloroethane	0.915	0.872		-4.7	
Methylcyclohexane	0.555	0.578		4.14	
Benzene	1.415	1.469		3.82	
1,2-Dichloroethane	0.453	0.466		2.87	
Trichloroethene	0.337	0.339		0.59	
1,2-Dichloropropane	0.342	0.352		2.92	
Bromodichloromethane	0.509	0.532		4.52	
4-Methyl-2-Pentanone	0.279	0.312		11.83	
Toluene	0.892	0.932		4.48	
t-1,3-Dichloropropene	0.476	0.515		8.19	
cis-1,3-Dichloropropene	0.541	0.581		7.39	
1,1,2-Trichloroethane	0.293	0.306		4.44	
2-Hexanone	0.193	0.220		13.99	
Dibromochloromethane	0.335	0.349		4.18	
1,2-Dibromoethane	0.285	0.299		4.91	
Tetrachloroethene	0.289	0.279		-3.46	
Chlorobenzene	1.088	1.068		-1.84	

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	1.870		1.47	
m/p-Xylenes	0.711	0.731		2.81	
o-Xylene	0.657	0.681		3.65	
Styrene	1.168	1.211		3.68	
Bromoform	0.194	0.206		6.19	
Isopropylbenzene	3.494	3.657		4.66	
1,1,2,2-Tetrachloroethane	0.830	0.872		5.06	
1,3-Dichlorobenzene	1.661	1.752		5.48	
1,4-Dichlorobenzene	1.678	1.673		-0.3	
1,2-Dichlorobenzene	1.504	1.528		1.6	
1,2-Dibromo-3-Chloropropane	0.147	0.159		8.16	
1,2,4-Trichlorobenzene	0.900	0.920		2.22	
1,2,3-Trichlorobenzene	0.819	0.836		2.08	
1,2-Dichloroethane-d4	0.723	0.716		-0.97	
Dibromofluoromethane	0.323	0.325		0.62	
Toluene-d8	1.195	1.245		4.18	
4-Bromofluorobenzene	0.440	0.460		4.55	

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