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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ROYF02
Lab Code: ACE
SDG No.: Q3178
Instrument ID: MSVOA_W
Calibration Date/Time: 09/26/2025 08:43
Lab File ID: VW032267.D
Init. Calib. Date(s): 09/25/2025 09/25/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 10:45 13:08
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.345	0.315		-8.7	20
Chloromethane	0.494	0.438	0.1	-11.34	20
Vinyl Chloride	0.578	0.555		-3.98	20
Bromomethane	0.394	0.395		0.25	20
Chloroethane	0.391	0.377		-3.58	20
Trichlorofluoromethane	0.435	0.401		-7.82	20
1,1,2-Trichlorotrifluoroethane	0.556	0.542		-2.52	20
1,1-Dichloroethene	0.594	0.586		-1.35	20
Acetone	0.203	0.238		17.24	20
Carbon Disulfide	1.365	1.334		-2.27	20
Methyl tert-butyl Ether	1.101	1.173		6.54	20
Methyl Acetate	0.697	0.786		12.77	20
Methylene Chloride	0.991	0.751		-24.22	20
trans-1,2-Dichloroethene	0.640	0.631		-1.41	20
1,1-Dichloroethane	1.293	1.260	0.1	-2.55	20
Cyclohexane	1.019	0.965		-5.3	20
2-Butanone	0.283	0.310		9.54	20
Carbon Tetrachloride	0.456	0.480		5.26	20
cis-1,2-Dichloroethene	0.796	0.787		-1.13	20
Bromochloromethane	0.617	0.591		-4.21	20
Chloroform	1.349	1.334		-1.11	20
1,1,1-Trichloroethane	0.909	0.907		-0.22	20
Methylcyclohexane	0.561	0.587		4.64	20
Benzene	1.526	1.548		1.44	20
1,2-Dichloroethane	0.507	0.502		-0.99	20
Trichloroethene	0.357	0.354		-0.84	20
1,2-Dichloropropane	0.395	0.405		2.53	20
Bromodichloromethane	0.554	0.568		2.53	20
4-Methyl-2-Pentanone	0.341	0.364		6.74	20
Toluene	0.946	0.950		0.42	20
t-1,3-Dichloropropene	0.508	0.554		9.06	20
cis-1,3-Dichloropropene	0.586	0.630		7.51	20
1,1,2-Trichloroethane	0.332	0.338		1.81	20
2-Hexanone	0.233	0.261		12.02	20
Dibromochloromethane	0.364	0.384		5.49	20
1,2-Dibromoethane	0.314	0.325		3.5	20
Tetrachloroethene	0.305	0.309		1.31	20
Chlorobenzene	1.152	1.180	0.3	2.43	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	1.885	2.019		7.11	20
m/p-Xylenes	0.723	0.761		5.26	20
o-Xylene	0.679	0.719		5.89	20
Styrene	1.191	1.306		9.66	20
Bromoform	0.212	0.216	0.1	1.89	20
Isopropylbenzene	3.480	3.625		4.17	20
1,1,2,2-Tetrachloroethane	0.912	0.923	0.3	1.21	20
1,3-Dichlorobenzene	1.693	1.681		-0.71	20
1,4-Dichlorobenzene	1.730	1.775		2.6	20
1,2-Dichlorobenzene	1.584	1.627		2.71	20
1,2-Dibromo-3-Chloropropane	0.156	0.156		0	20
1,2,4-Trichlorobenzene	0.940	0.972		3.4	20
1,2,3-Trichlorobenzene	0.874	0.931		6.52	20
1,2-Dichloroethane-d4	0.789	0.724		-8.24	20
Dibromofluoromethane	0.360	0.341		-5.28	20
Toluene-d8	1.296	1.232		-4.94	20
4-Bromofluorobenzene	0.489	0.478		-2.25	20

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