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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ENTA05
Lab Code: ACE
SDG No.: Q2580
Instrument ID: MSVOA_W
Calibration Date/Time: 07/11/2025 11:50
Lab File ID: VW031817.D
Init. Calib. Date(s): 06/30/2025 06/30/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:54 12:55
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.341	0.317		-7.04	20
Chloromethane	0.411	0.426	0.1	3.65	20
Vinyl Chloride	0.540	0.586		8.52	20
Bromomethane	0.421	0.439		4.28	20
Chloroethane	0.367	0.395		7.63	20
Trichlorofluoromethane	0.490	0.460		-6.12	20
1,1,2-Trichlorotrifluoroethane	0.544	0.585		7.54	20
1,1-Dichloroethene	0.596	0.663		11.24	20
Acetone	0.177	0.144		-18.64	20
Carbon Disulfide	1.594	1.657		3.95	20
Methyl tert-butyl Ether	1.011	1.133		12.07	20
Methyl Acetate	0.507	0.557		9.86	20
Methylene Chloride	0.814	0.863		6.02	20
trans-1,2-Dichloroethene	0.633	0.719		13.59	20
1,1-Dichloroethane	1.156	1.343	0.1	16.18	20
Cyclohexane	1.022	1.071		4.8	20
2-Butanone	0.231	0.233		0.87	20
Carbon Tetrachloride	0.481	0.485		0.83	20
cis-1,2-Dichloroethene	0.728	0.864		18.68	20
Bromochloromethane	0.510	0.566		10.98	20
Chloroform	1.228	1.450		18.08	20
1,1,1-Trichloroethane	0.946	1.029		8.77	20
Methylcyclohexane	0.587	0.620		5.62	20
Benzene	1.397	1.598		14.39	20
1,2-Dichloroethane	0.472	0.517		9.53	20
Trichloroethene	0.349	0.365		4.59	20
1,2-Dichloropropane	0.338	0.390		15.39	20
Bromodichloromethane	0.511	0.577		12.92	20
4-Methyl-2-Pentanone	0.295	0.296		0.34	20
Toluene	0.894	1.026		14.77	20
t-1,3-Dichloropropene	0.480	0.535		11.46	20
cis-1,3-Dichloropropene	0.544	0.604		11.03	20
1,1,2-Trichloroethane	0.286	0.319		11.54	20
2-Hexanone	0.200	0.201		0.5	20
Dibromochloromethane	0.341	0.380		11.44	20
1,2-Dibromoethane	0.286	0.299		4.55	20
Tetrachloroethene	0.327	0.306		-6.42	20
Chlorobenzene	1.103	1.199	0.3	8.7	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	1.913	2.062		7.79	20
m/p-Xylenes	0.735	0.821		11.7	20
o-Xylene	0.681	0.770		13.07	20
Styrene	1.177	1.336		13.51	20
Bromoform	0.210	0.201	0.1	-4.29	20
Isopropylbenzene	3.803	4.196		10.33	20
1,1,2,2-Tetrachloroethane	0.844	0.873	0.3	3.44	20
1,3-Dichlorobenzene	1.701	1.892		11.23	20
1,4-Dichlorobenzene	1.741	1.883		8.16	20
1,2-Dichlorobenzene	1.555	1.729		11.19	20
1,2-Dibromo-3-Chloropropane	0.165	0.150		-9.09	20
1,2,4-Trichlorobenzene	0.959	0.986		2.82	20
1,2,3-Trichlorobenzene	0.881	0.950		7.83	20
1,2-Dichloroethane-d4	0.718	0.778		8.36	20
Dibromofluoromethane	0.326	0.338		3.68	20
Toluene-d8	1.214	1.286		5.93	20
4-Bromofluorobenzene	0.447	0.474		6.04	20

All other compounds must meet a minimum RRF of 0.010.
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