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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: ALLI03
Lab Code: ACE
SDG No.: Q3143
Instrument ID: MSVOA_X
Calibration Date/Time: 09/26/2025 10:54
Lab File ID: VX047848.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.559		7.91	20
Chloromethane	0.680	0.638	0.1	-6.18	20
Vinyl Chloride	0.666	0.672		0.9	20
Ethyl Acetate	0.525	0.504		-4	20
Bromomethane	0.422	0.433		2.61	20
Chloroethane	0.445	0.432		-2.92	20
Trichlorofluoromethane	0.989	0.980		-0.91	20
1,1,2-Trichlorotrifluoroethane	0.578	0.581		0.52	20
Tert butyl alcohol	0.089	0.085		-4.49	20
1,1-Dichloroethene	0.594	0.580		-2.36	20
Acrolein	0.082	0.140		70.73	20
Acrylonitrile	0.328	0.339		3.35	20
Acetone	0.346	0.318		-8.09	20
Carbon Disulfide	1.626	1.543		-5.11	20
Methyl tert-butyl Ether	2.169	2.067		-4.7	20
Methyl Acetate	0.770	0.810		5.2	20
Methylene Chloride	0.732	0.696		-4.92	20
trans-1,2-Dichloroethene	0.640	0.624		-2.5	20
Vinyl Acetate	1.901	1.866		-1.84	20
1,1-Dichloroethane	1.263	1.212	0.1	-4.04	20
Cyclohexane	1.052	0.976		-7.32	20
2-Butanone	0.432	0.429		-0.69	20
Carbon Tetrachloride	0.532	0.507		-4.7	20
2,2-Dichloropropane	1.050	0.984		-6.29	20
cis-1,2-Dichloroethene	0.783	0.760		-2.94	20
Bromochloromethane	0.551	0.579		5.08	20
Chloroform	1.276	1.244		-2.51	20
1,1,1-Trichloroethane	1.082	1.050		-2.96	20
Methylcyclohexane	0.556	0.542		-2.52	20
1,1-Dichloropropene	0.490	0.473		-3.47	20
Benzene	1.488	1.459		-1.95	20
1,2-Dichloroethane	0.566	0.528		-6.71	20
Trichloroethene	0.360	0.357		-0.83	20
1,2-Dichloropropane	0.381	0.372		-2.36	20
Dibromomethane	0.277	0.272		-1.8	20
Bromodichloromethane	0.572	0.561		-1.92	20
4-Methyl-2-Pentanone	0.477	0.494		3.56	20
Toluene	0.917	0.897		-2.18	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
t-1,3-Dichloropropene	0.584	0.568		-2.74	20
cis-1,3-Dichloropropene	0.624	0.609		-2.4	20
1,1,2-Trichloroethane	0.354	0.353		-0.28	20
1,3-Dichloropropane	0.607	0.609		0.33	20
2-Chloroethyl Vinyl ether	0.227	0.280		23.35	20
2-Hexanone	0.343	0.351		2.33	20
Dibromochloromethane	0.407	0.416		2.21	20
1,2-Dibromoethane	0.360	0.367		1.94	20
Tetrachloroethene	0.326	0.315		-3.37	20
Chlorobenzene	1.136	1.111	0.3	-2.2	20
1,1,1,2-Tetrachloroethane	0.392	0.385		-1.79	20
Hexachloroethane	0.564	0.553		-1.95	20
Ethyl Benzene	1.960	1.919		-2.09	20
m/p-Xylenes	0.729	0.726		-0.41	20
o-Xylene	0.706	0.701		-0.71	20
Styrene	1.236	1.212		-1.94	20
Bromoform	0.293	0.295	0.1	0.68	20
Isopropylbenzene	3.801	3.693		-2.84	20
1,1,2,2-Tetrachloroethane	1.150	1.150	0.3	0	20
1,2,3-Trichloropropane	1.012	0.924		-8.7	20
Bromobenzene	0.936	0.896		-4.27	20
n-propylbenzene	4.494	4.364		-2.89	20
2-Chlorotoluene	2.752	2.631		-4.4	20
1,3,5-Trimethylbenzene	3.123	3.022		-3.23	20
4-Chlorotoluene	3.251	3.127		-3.81	20
tert-Butylbenzene	3.197	3.100		-3.03	20
1,2,4-Trimethylbenzene	3.166	3.065		-3.19	20
sec-Butylbenzene	3.797	3.724		-1.92	20
p-Isopropyltoluene	3.215	3.155		-1.87	20
1,3-Dichlorobenzene	1.739	1.660		-4.54	20
1,4-Dichlorobenzene	1.785	1.682		-5.77	20
n-Butylbenzene	2.975	2.898		-2.59	20
1,2-Dichlorobenzene	1.657	1.608		-2.96	20
1,2-Dibromo-3-Chloropropane	0.233	0.228		-2.15	20
1,2,4-Trichlorobenzene	1.077	1.007		-6.5	20
Hexachlorobutadiene	0.366	0.358		-2.19	20
Naphthalene	3.279	3.268		-0.34	20
1,2,3-Trichlorobenzene	1.002	0.987		-1.5	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.796	0.680		-14.57	20
Dibromofluoromethane	0.335	0.306		-8.66	20
Toluene-d8	1.160	1.059		-8.71	20
4-Bromofluorobenzene	0.440	0.401		-8.86	20

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