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.: Q2651
Instrument ID: MSVOA_Y
Calibration Date/Time: 07/22/2025 11:04
Lab File ID: VY023039.D
Init. Calib. Date(s): 07/18/2025 07/18/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 10:08 12:49
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.425	0.363		-14.59	20
Chloromethane	0.722	0.653	0.1	-9.56	20
Vinyl Chloride	0.915	0.879		-3.93	20
Bromomethane	0.660	0.608		-7.88	20
Chloroethane	0.611	0.606		-0.82	20
Trichlorofluoromethane	1.062	0.996		-6.22	20
1,1,2-Trichlorotrifluoroethane	0.558	0.508		-8.96	20
1,1-Dichloroethene	0.531	0.489		-7.91	20
Acetone	0.092	0.079		-14.13	20
Carbon Disulfide	1.610	1.468		-8.82	20
Methyl tert-butyl Ether	1.274	1.203		-5.57	20
Methyl Acetate	0.311	0.307		-1.29	20
Methylene Chloride	0.871	0.608		-30.19	20
trans-1,2-Dichloroethene	0.591	0.554		-6.26	20
1,1-Dichloroethane	1.079	1.030	0.1	-4.54	20
Cyclohexane	1.008	0.903		-10.42	20
2-Butanone	0.132	0.124		-6.06	20
Carbon Tetrachloride	0.543	0.519		-4.42	20
cis-1,2-Dichloroethene	0.682	0.641		-6.01	20
Bromochloromethane	0.418	0.411		-1.67	20
Chloroform	1.088	1.053		-3.22	20
1,1,1-Trichloroethane	0.987	0.932		-5.57	20
Methylcyclohexane	0.647	0.615		-4.95	20
Benzene	1.504	1.466		-2.53	20
1,2-Dichloroethane	0.374	0.368		-1.6	20
Trichloroethene	0.386	0.365		-5.44	20
1,2-Dichloropropane	0.351	0.339		-3.42	20
Bromodichloromethane	0.502	0.495		-1.39	20
4-Methyl-2-Pentanone	0.187	0.192		2.67	20
Toluene	0.935	0.936		0.11	20
t-1,3-Dichloropropene	0.431	0.424		-1.62	20
cis-1,3-Dichloropropene	0.519	0.502		-3.28	20
1,1,2-Trichloroethane	0.239	0.234		-2.09	20
2-Hexanone	0.123	0.125		1.63	20
Dibromochloromethane	0.312	0.310		-0.64	20
1,2-Dibromoethane	0.217	0.211		-2.77	20
Tetrachloroethene	0.511	0.493		-3.52	20
Chlorobenzene	1.180	1.132	0.3	-4.07	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	2.091	2.048		-2.06	20
m/p-Xylenes	0.802	0.788		-1.75	20
o-Xylene	0.744	0.722		-2.96	20
Styrene	1.219	1.206		-1.07	20
Bromoform	0.204	0.193	0.1	-5.39	20
Isopropylbenzene	4.239	4.055		-4.34	20
1,1,2,2-Tetrachloroethane	0.613	0.570	0.3	-7.01	20
1,3-Dichlorobenzene	1.855	1.751		-5.61	20
1,4-Dichlorobenzene	1.795	1.699		-5.35	20
1,2-Dichlorobenzene	1.565	1.496		-4.41	20
1,2-Dibromo-3-Chloropropane	0.091	0.090		-1.1	20
1,2,4-Trichlorobenzene	0.825	0.777		-5.82	20
1,2,3-Trichlorobenzene	0.681	0.652		-4.26	20
1,2-Dichloroethane-d4	0.506	0.483		-4.55	20
Dibromofluoromethane	0.317	0.300		-5.36	20
Toluene-d8	1.258	1.210		-3.82	20
4-Bromofluorobenzene	0.396	0.367		-7.32	20

All other compounds must meet a minimum RRF of 0.010.
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