284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q3058
Instrument ID: MSVOA_Y
Calibration Date/Time: 09/10/2025 09:09
Lab File ID: VY023321.D
Init. Calib. Date(s): 09/08/2025 09/08/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 10:00 12:08
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.401	0.365		-8.98	20
Chloromethane	0.574	0.562	0.1	-2.09	20
Vinyl Chloride	0.723	0.711		-1.66	20
Bromomethane	0.590	0.544		-7.8	20
Chloroethane	0.489	0.487		-0.41	20
Trichlorofluoromethane	0.913	0.907		-0.66	20
1,1,2-Trichlorotrifluoroethane	0.491	0.482		-1.83	20
1,1-Dichloroethene	0.472	0.460		-2.54	20
Acetone	0.100	0.115		15	20
Carbon Disulfide	1.495	1.461		-2.27	20
Methyl tert-butyl Ether	1.110	1.081		-2.61	20
Methyl Acetate	0.245	0.230		-6.12	20
Methylene Chloride	0.535	0.538		0.56	20
trans-1,2-Dichloroethene	0.528	0.524		-0.76	20
1,1-Dichloroethane	0.869	0.854	0.1	-1.73	20
Cyclohexane	0.769	0.736		-4.29	20
2-Butanone	0.123	0.128		4.07	20
Carbon Tetrachloride	0.501	0.526		4.99	20
cis-1,2-Dichloroethene	0.597	0.594		-0.5	20
Bromochloromethane	0.342	0.335		-2.05	20
Chloroform	0.934	0.915		-2.03	20
1,1,1-Trichloroethane	0.834	0.831		-0.36	20
Methylcyclohexane	0.557	0.600		7.72	20
Benzene	1.353	1.411		4.29	20
1,2-Dichloroethane	0.344	0.352		2.33	20
Trichloroethene	0.377	0.392		3.98	20
1,2-Dichloropropane	0.306	0.314		2.61	20
Bromodichloromethane	0.468	0.482		2.99	20
4-Methyl-2-Pentanone	0.172	0.179		4.07	20
Toluene	0.859	0.926		7.8	20
t-1,3-Dichloropropene	0.403	0.417		3.47	20
cis-1,3-Dichloropropene	0.482	0.499		3.53	20
1,1,2-Trichloroethane	0.248	0.253		2.02	20
2-Hexanone	0.119	0.132		10.92	20
Dibromochloromethane	0.336	0.353		5.06	20
1,2-Dibromoethane	0.232	0.240		3.45	20
Tetrachloroethene	0.498	0.538		8.03	20
Chlorobenzene	1.095	1.134	0.3	3.56	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	1.790	1.942		8.49	20
m/p-Xylenes	0.717	0.782		9.07	20
o-Xylene	0.663	0.719		8.45	20
Styrene	1.099	1.196		8.83	20
Bromoform	0.229	0.234	0.1	2.18	20
Isopropylbenzene	3.368	3.621		7.51	20
1,1,2,2-Tetrachloroethane	0.565	0.553	0.3	-2.12	20
1,3-Dichlorobenzene	1.703	1.741		2.23	20
1,4-Dichlorobenzene	1.686	1.695		0.53	20
1,2-Dichlorobenzene	1.485	1.502		1.14	20
1,2-Dibromo-3-Chloropropane	0.089	0.086		-3.37	20
1,2,4-Trichlorobenzene	0.866	0.881		1.73	20
1,2,3-Trichlorobenzene	0.752	0.762		1.33	20
1,2-Dichloroethane-d4	0.439	0.427		-2.73	20
Dibromofluoromethane	0.306	0.315		2.94	20
Toluene-d8	1.154	1.218		5.55	20
4-Bromofluorobenzene	0.363	0.388		6.89	20

All other compounds must meet a minimum RRF of 0.010.
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