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

Lab Name: CHEMTECH Contract: PARS02

Lab Code: CHEM Case No.: Q2268 SAS No.: Q2268 SDG No.: Q2268

Instrument ID: MSVOA_N Calibration Date/Time: 06/13/2025 12:52

Lab File ID: VN086996.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.499	0.494		-1	20
Chloromethane	0.644	0.562	0.1	-12.73	20
Vinyl Chloride	0.664	0.695		4.67	20
Bromomethane	0.372	0.351		-5.64	20
Chloroethane	0.429	0.449		4.66	20
Trichlorofluoromethane	0.868	0.867		-0.12	20
1,1,2-Trichlorotrifluoroethane	0.545	0.537		-1.47	20
1,1-Dichloroethene	0.557	0.581		4.31	20
Acetone	0.355	0.346		-2.54	20
Carbon Disulfide	1.539	1.720		11.76	20
Methyl tert-butyl Ether	2.015	2.241		11.22	20
Methyl Acetate	1.035	0.870		-15.94	20
Methylene Chloride	0.665	0.715		7.52	20
trans-1,2-Dichloroethene	0.619	0.648		4.68	20
1,1-Dichloroethane	1.120	1.168	0.1	4.29	20
Cyclohexane	1.086	0.955		-12.06	20
2-Butanone	0.577	0.570		-1.21	20
Carbon Tetrachloride	0.433	0.421		-2.77	20
cis-1,2-Dichloroethene	0.740	0.814		10	20
Bromochloromethane	0.550	0.601		9.27	20
Chloroform	1.118	1.162		3.94	20
1,1,1-Trichloroethane	0.951	0.927		-2.52	20
Methylcyclohexane	0.605	0.537		-11.24	20
Benzene	1.444	1.500		3.88	20
1,2-Dichloroethane	0.438	0.467		6.62	20
Trichloroethene	0.342	0.362		5.85	20
1,2-Dichloropropane	0.351	0.370		5.41	20
Bromodichloromethane	0.480	0.515		7.29	20
4-Methyl-2-Pentanone	0.543	0.558		2.76	20
Toluene	0.882	0.929		5.33	20
t-1,3-Dichloropropene	0.537	0.613		14.15	20
cis-1,3-Dichloropropene	0.574	0.640		11.5	20
1,1,2-Trichloroethane	0.340	0.373		9.71	20
2-Hexanone	0.350	0.375		7.14	20
Dibromochloromethane	0.354	0.405		14.41	20
1,2-Dibromoethane	0.348	0.398		14.37	20
Tetrachloroethene	0.316	0.312		-1.27	20
Chlorobenzene	1.103	1.165	0.3	5.62	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	1.900	1.898		-0.1	20
m/p-Xylenes	0.727	0.748		2.89	20
o-Xylene	0.696	0.743		6.75	20
Styrene	1.192	1.276		7.05	20
Bromoform	0.263	0.307	0.1	16.73	20
Isopropylbenzene	3.643	3.469		-4.78	20
1,1,2,2-Tetrachloroethane	1.234	1.316	0.3	6.64	20
1,3-Dichlorobenzene	1.644	1.702		3.53	20
1,4-Dichlorobenzene	1.676	1.762		5.13	20
1,2-Dichlorobenzene	1.579	1.647		4.31	20
1,2-Dibromo-3-Chloropropane	0.295	0.293		-0.68	20
1,2,4-Trichlorobenzene	1.008	0.965		-4.27	20
1,2,3-Trichlorobenzene	1.002	0.923		-7.88	20
1,2-Dichloroethane-d4	0.669	0.665		-0.6	20
Dibromofluoromethane	0.296	0.318		7.43	20
Toluene-d8	1.173	1.131		-3.58	20
4-Bromofluorobenzene	0.436	0.446		2.29	20

All other compounds must meet a minimum RRF of 0.010.
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