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: SCIA01

Lab Code: CHEM Case No.: Q1236 SAS No.: Q1236 SDG No.: Q1236

Instrument ID: MSVOA_D Calibration Date/Time: 02/04/2025 11:55

Lab File ID: VD080233.D Init. Calib. Date(s): 02/03/2025 02/03/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:27 12:42

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.591	0.440		-25.55	20
Chloromethane	1.042	0.913	0.1	-12.38	20
Vinyl Chloride	1.260	1.116		-11.43	20
Bromomethane	0.972	0.726		-25.31	20
Chloroethane	0.839	0.749		-10.73	20
Trichlorofluoromethane	1.044	0.991		-5.08	20
1,1,2-Trichlorotrifluoroethane	0.604	0.589		-2.48	20
1,1-Dichloroethene	0.573	0.592		3.32	20
Acetone	0.105	0.104		-0.95	20
Carbon Disulfide	2.065	1.959		-5.13	20
Methyl tert-butyl Ether	1.261	1.393		10.47	20
Methyl Acetate	0.354	0.392		10.73	20
Methylene Chloride	0.711	0.706		-0.7	20
trans-1,2-Dichloroethene	0.650	0.667		2.62	20
1,1-Dichloroethane	1.204	1.208	0.1	0.33	20
Cyclohexane	0.964	0.960		-0.41	20
2-Butanone	0.163	0.176		7.97	20
Carbon Tetrachloride	0.530	0.549		3.59	20
cis-1,2-Dichloroethene	0.735	0.747		1.63	20
Bromochloromethane	0.549	0.540		-1.64	20
Chloroform	1.231	1.239		0.65	20
1,1,1-Trichloroethane	1.030	1.016		-1.36	20
Methylcyclohexane	0.551	0.615		11.61	20
Benzene	1.591	1.653		3.9	20
1,2-Dichloroethane	0.453	0.474		4.64	20
Trichloroethene	0.368	0.397		7.88	20
1,2-Dichloropropane	0.400	0.430		7.5	20
Bromodichloromethane	0.562	0.593		5.52	20
4-Methyl-2-Pentanone	0.223	0.265		18.83	20
Toluene	0.931	1.035		11.17	20
t-1,3-Dichloropropene	0.479	0.548		14.4	20
cis-1,3-Dichloropropene	0.583	0.652		11.84	20
1,1,2-Trichloroethane	0.290	0.304		4.83	20
2-Hexanone	0.147	0.180		22.45	20
Dibromochloromethane	0.357	0.390		9.24	20
1,2-Dibromoethane	0.264	0.288		9.09	20
Tetrachloroethene	0.349	0.347		-0.57	20
Chlorobenzene	1.146	1.166	0.3	1.75	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	1.907	2.058		7.92	20
m/p-Xylenes	0.740	0.799		7.97	20
o-Xylene	0.675	0.734		8.74	20
Styrene	1.201	1.342		11.74	20
Bromoform	0.236	0.240	0.1	1.7	20
Isopropylbenzene	3.382	3.604		6.56	20
1,1,2,2-Tetrachloroethane	0.704	0.737	0.3	4.69	20
1,3-Dichlorobenzene	1.718	1.847		7.51	20
1,4-Dichlorobenzene	1.739	1.779		2.3	20
1,2-Dichlorobenzene	1.514	1.603		5.88	20
1,2-Dibromo-3-Chloropropane	0.112	0.115		2.68	20
1,2,4-Trichlorobenzene	0.965	1.016		5.28	20
1,2,3-Trichlorobenzene	0.871	0.906		4.02	20
1,2-Dichloroethane-d4	0.650	0.633		-2.62	20
Dibromofluoromethane	0.354	0.369		4.24	20
Toluene-d8	1.314	1.410		7.31	20
4-Bromofluorobenzene	0.422	0.465		10.19	20

All other compounds must meet a minimum RRF of 0.010.
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