



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LIRO01
Lab Code: CHEM Case No.: P1747 SAS No.: P1747 SDG No.: P1747
Instrument ID: MSVOA_N Calibration Date/Time: 03/14/2024 11:22
Lab File ID: VN081401.D Init. Calib. Date(s): 03/05/2024 03/05/2024
Heated Purge: (Y/N) N Init. Calib. Time(s): 12:00 13:59
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.663	0.652		-1.66	20
Chloromethane	0.716	0.610	0.1	-14.8	20
Vinyl Chloride	0.747	0.657		-12.05	20
Bromomethane	0.499	0.412		-17.43	20
Chloroethane	0.513	0.439		-14.43	20
Trichlorofluoromethane	1.105	1.053		-4.71	20
1,1,2-Trichlorotrifluoroethane	0.629	0.586		-6.84	20
1,1-Dichloroethene	0.583	0.522		-10.46	20
Acetone	0.256	0.213		-16.8	20
Carbon Disulfide	1.663	1.382		-16.9	20
Methyl tert-butyl Ether	1.976	1.904		-3.64	20
Methyl Acetate	0.733	0.785		7.09	20
Methylene Chloride	0.718	0.616		-14.21	20
trans-1,2-Dichloroethene	0.657	0.586		-10.81	20
1,1-Dichloroethane	1.176	1.126	0.1	-4.25	20
Cyclohexane	1.095	0.915		-16.44	20
2-Butanone	0.429	0.371		-13.52	20
Carbon Tetrachloride	0.497	0.527		6.04	20
cis-1,2-Dichloroethene	0.745	0.690		-7.38	20
Bromochloromethane	0.503	0.502		-0.2	20
Chloroform	1.220	1.205		-1.23	20
1,1,1-Trichloroethane	1.078	1.062		-1.48	20
Methylcyclohexane	0.569	0.542		-4.74	20
Benzene	1.475	1.442		-2.24	20
1,2-Dichloroethane	0.520	0.532		2.31	20
Trichloroethene	0.372	0.371		-0.27	20
1,2-Dichloropropane	0.371	0.379		2.16	20
Bromodichloromethane	0.507	0.541		6.71	20
4-Methyl-2-Pentanone	0.491	0.478		-2.65	20
Toluene	0.891	0.899		0.9	20
t-1,3-Dichloropropene	0.549	0.573		4.37	20
cis-1,3-Dichloropropene	0.592	0.613		3.55	20
1,1,2-Trichloroethane	0.353	0.361		2.27	20
2-Hexanone	0.367	0.358		-2.45	20
Dibromochloromethane	0.364	0.390		7.14	20
1,2-Dibromoethane	0.367	0.362		-1.36	20
Tetrachloroethene	0.391	0.397		1.53	20
Chlorobenzene	1.054	1.033	0.3	-1.99	20
Ethyl Benzene	1.898	1.918		1.05	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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m/p-Xylenes	0.714	0.721		0.98	20
o-Xylene	0.692	0.706		2.02	20
Styrene	1.097	1.167		6.38	20
Bromoform	0.268	0.270	0.1	0.75	20
Isopropylbenzene	4.037	4.048		0.27	20
1,1,2,2-Tetrachloroethane	1.246	1.117	0.3	-10.35	20
1,3-Dichlorobenzene	1.808	1.735		-4.04	20
1,4-Dichlorobenzene	1.807	1.693		-6.31	20
1,2-Dichlorobenzene	1.734	1.649		-4.9	20
1,2-Dibromo-3-Chloropropane	0.267	0.246		-7.86	20
1,2,4-Trichlorobenzene	0.927	0.920		-0.75	20
1,2,3-Trichlorobenzene	0.940	0.916		-2.55	20
1,2-Dichloroethane-d4	0.723	0.723		0	20
Dibromofluoromethane	0.306	0.320		4.57	20
Toluene-d8	1.145	1.168		2.01	20
4-Bromofluorobenzene	0.405	0.420		3.7	20

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