



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: RMJE02
Lab Code: CHEM Case No.: 05252 SAS No.: 05252 SDG No.: 05252
Instrument ID: MSVOA_Y Calibration Date/Time: 11/07/2023 08:35
Lab File ID: VY016243.D Init. Calib. Date(s): 10/31/2023 10/31/2023
Heated Purge: (Y/N) Y Init. Calib. Time(s): 12:26 14:40
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.319	0.348		9.09	20
Chloromethane	0.442	0.432	0.1	-2.26	20
Vinyl Chloride	0.456	0.497		8.99	20
Bromomethane	0.308	0.320		3.9	20
Chloroethane	0.321	0.340		5.92	20
Trichlorofluoromethane	0.688	0.789		14.68	20
1,1,2-Trichlorotrifluoroethane	0.433	0.492		13.63	20
1,1-Dichloroethene	0.396	0.443		11.87	20
Acetone	0.086	0.071		-17.44	20
Carbon Disulfide	0.988	1.058		7.09	20
Methyl tert-butyl Ether	1.125	1.188		5.6	20
Methyl Acetate	0.376	0.392		4.26	20
Methylene Chloride	0.533	0.513		-3.75	20
trans-1,2-Dichloroethene	0.461	0.511		10.85	20
1,1-Dichloroethane	0.819	0.924	0.1	12.82	20
Cyclohexane	0.719	0.758		5.42	20
2-Butanone	0.129	0.125		-3.1	20
Carbon Tetrachloride	0.426	0.516		21.13	20
cis-1,2-Dichloroethene	0.542	0.603		11.26	20
Bromochloromethane	0.307	0.331		7.82	20
Chloroform	0.892	0.987		10.65	20
1,1,1-Trichloroethane	0.818	0.898		9.78	20
Methylcyclohexane	0.514	0.557		8.37	20
Benzene	1.236	1.325		7.2	20
1,2-Dichloroethane	0.345	0.352		2.03	20
Trichloroethene	0.362	0.380		4.97	20
1,2-Dichloropropane	0.297	0.330		11.11	20
Bromodichloromethane	0.428	0.467		9.11	20
4-Methyl-2-Pentanone	0.189	0.187		-1.06	20
Toluene	0.801	0.855		6.74	20
t-1,3-Dichloropropene	0.428	0.453		5.84	20
cis-1,3-Dichloropropene	0.502	0.536		6.77	20
1,1,2-Trichloroethane	0.237	0.248		4.64	20
2-Hexanone	0.130	0.129		-0.77	20
Dibromochloromethane	0.298	0.317		6.38	20
1,2-Dibromoethane	0.226	0.232		2.65	20
Tetrachloroethene	0.445	0.444		-0.22	20
Chlorobenzene	0.993	1.066	0.3	7.35	20
Ethyl Benzene	1.777	1.949		9.68	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	0.687	0.747		8.73	20
o-Xylene	0.656	0.704		7.32	20
Styrene	1.090	1.169		7.25	20
Bromoform	0.204	0.216	0.1	5.88	20
Isopropylbenzene	3.751	4.261		13.6	20
1,1,2,2-Tetrachloroethane	0.597	0.650	0.3	8.88	20
1,3-Dichlorobenzene	1.680	1.818		8.21	20
1,4-Dichlorobenzene	1.660	1.791		7.89	20
1,2-Dichlorobenzene	1.451	1.562		7.65	20
1,2-Dibromo-3-Chloropropane	0.107	0.096		-10.28	20
1,2,4-Trichlorobenzene	0.896	0.887		-1	20
1,2,3-Trichlorobenzene	0.765	0.702		-8.23	20
1,2-Dichloroethane-d4	0.468	0.467		-0.21	20
Dibromofluoromethane	0.298	0.296		-0.67	20
Toluene-d8	1.182	1.186		0.34	20
4-Bromofluorobenzene	0.404	0.389		-3.71	20

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