



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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01

Lab Code: CHEM Case No.: 03645 SAS No.: 03645 SDG No.: 03645

Instrument ID: MSVOA_D Calibration Date/Time: 07/18/2023 09:13

Lab File ID: VD076766.D Init. Calib. Date(s): 07/14/2023 07/14/2023

Heated Purge: (Y/N) Y Init. Calib. Time(s): 12:50 15:57

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.391	0.378		-3.33	20
Chloromethane	0.674	0.569	0.1	-15.58	20
Vinyl Chloride	0.899	0.834		-7.23	20
Bromomethane	0.740	0.625		-15.54	20
Chloroethane	0.679	0.599		-11.78	20
Trichlorofluoromethane	0.800	0.786		-1.75	20
1,1,2-Trichlorotrifluoroethane	0.526	0.527		0.19	20
1,1-Dichloroethene	0.494	0.459		-7.09	20
Acetone	0.119	0.120		0.84	20
Carbon Disulfide	1.154	1.037		-10.14	20
Methyl tert-butyl Ether	1.325	1.139		-14.04	20
Methyl Acetate	0.447	0.386		-13.65	20
Methylene Chloride	0.984	0.628		-36.18	20
trans-1,2-Dichloroethene	0.574	0.510		-11.15	20
1,1-Dichloroethane	1.036	0.936	0.1	-9.65	20
Cyclohexane	0.733	0.685		-6.55	20
2-Butanone	0.159	0.148		-6.92	20
Carbon Tetrachloride	0.393	0.415		5.6	20
cis-1,2-Dichloroethene	0.708	0.643		-9.18	20
Bromochloromethane	0.259	0.215		-16.99	20
Chloroform	1.135	1.047		-7.75	20
1,1,1-Trichloroethane	0.916	0.900		-1.75	20
Methylcyclohexane	0.474	0.487		2.74	20
Benzene	1.295	1.232		-4.86	20
1,2-Dichloroethane	0.337	0.322		-4.45	20
Trichloroethene	0.353	0.338		-4.25	20
1,2-Dichloropropane	0.334	0.318		-4.79	20
Bromodichloromethane	0.491	0.458		-6.72	20
4-Methyl-2-Pentanone	0.191	0.176		-7.85	20
Toluene	0.851	0.806		-5.29	20
t-1,3-Dichloropropene	0.456	0.425		-6.8	20
cis-1,3-Dichloropropene	0.537	0.492		-8.38	20
1,1,2-Trichloroethane	0.286	0.264		-7.69	20
2-Hexanone	0.136	0.129		-5.15	20
Dibromochloromethane	0.332	0.328		-1.21	20
1,2-Dibromoethane	0.265	0.239		-9.81	20
Tetrachloroethene	0.285	0.304		6.67	20
Chlorobenzene	1.006	0.990	0.3	-1.59	20
Ethyl Benzene	1.766	1.786		1.13	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
m/p-Xylenes	0.678	0.693		2.21	20
o-Xylene	0.656	0.661		0.76	20
Styrene	1.148	1.153		0.44	20
Bromoform	0.205	0.208	0.1	1.46	20
Isopropylbenzene	3.628	3.709		2.23	20
1,1,2,2-Tetrachloroethane	0.779	0.744	0.3	-4.49	20
n-propylbenzene	4.398	4.586		4.28	20
1,3,5-Trimethylbenzene	2.933	3.010		2.63	20
tert-Butylbenzene	2.583	2.727		5.57	20
1,2,4-Trimethylbenzene	2.997	3.007		0.33	20
sec-Butylbenzene	3.946	4.229		7.17	20
p-Isopropyltoluene	3.259	3.439		5.52	20
1,3-Dichlorobenzene	1.722	1.726		0.23	20
1,4-Dichlorobenzene	1.687	1.656		-1.84	20
n-Butylbenzene	3.189	3.329		4.39	20
1,2-Dichlorobenzene	1.518	1.470		-3.16	20
1,2-Dibromo-3-Chloropropane	0.111	0.096		-13.51	20
1,2,4-Trichlorobenzene	0.927	0.894		-3.56	20
1,2,3-Trichlorobenzene	0.831	0.800		-3.73	20
1,2-Dichloroethane-d4	0.498	0.417		-16.26	20
Dibromofluoromethane	0.314	0.285		-9.24	20
Toluene-d8	1.124	1.015		-9.7	20
4-Bromofluorobenzene	0.364	0.329		-9.61	20

All other compounds must meet a minimum RRF of 0.010.
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