



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: 07/17/2023 10:19

Lab File ID: VD076745.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	0.373		-4.6	20
Chloromethane	0.674	0.574	0.1	-14.84	20
Vinyl Chloride	0.899	0.842		-6.34	20
Bromomethane	0.740	0.658		-11.08	20
Chloroethane	0.679	0.629		-7.36	20
Trichlorofluoromethane	0.800	0.777		-2.88	20
1,1,2-Trichlorotrifluoroethane	0.526	0.518		-1.52	20
1,1-Dichloroethene	0.494	0.477		-3.44	20
Acetone	0.119	0.126		5.88	20
Carbon Disulfide	1.154	1.116		-3.29	20
Methyl tert-butyl Ether	1.325	1.256		-5.21	20
Methyl Acetate	0.447	0.393		-12.08	20
Methylene Chloride	0.984	0.616		-37.4	20
trans-1,2-Dichloroethene	0.574	0.533		-7.14	20
1,1-Dichloroethane	1.036	1.012	0.1	-2.32	20
Cyclohexane	0.733	0.730		-0.41	20
2-Butanone	0.159	0.161		1.26	20
Carbon Tetrachloride	0.393	0.465		18.32	20
cis-1,2-Dichloroethene	0.708	0.703		-0.71	20
Bromochloromethane	0.259	0.225		-13.13	20
Chloroform	1.135	1.155		1.76	20
1,1,1-Trichloroethane	0.916	0.967		5.57	20
Methylcyclohexane	0.474	0.532		12.24	20
Benzene	1.295	1.388		7.18	20
1,2-Dichloroethane	0.337	0.353		4.75	20
Trichloroethene	0.353	0.390		10.48	20
1,2-Dichloropropane	0.334	0.356		6.59	20
Bromodichloromethane	0.491	0.525		6.93	20
4-Methyl-2-Pentanone	0.191	0.193		1.05	20
Toluene	0.851	0.918		7.87	20
t-1,3-Dichloropropene	0.456	0.488		7.02	20
cis-1,3-Dichloropropene	0.537	0.575		7.08	20
1,1,2-Trichloroethane	0.286	0.301		5.24	20
2-Hexanone	0.136	0.145		6.62	20
Dibromochloromethane	0.332	0.357		7.53	20
1,2-Dibromoethane	0.265	0.276		4.15	20
Tetrachloroethene	0.285	0.326		14.39	20
Chlorobenzene	1.006	1.084	0.3	7.75	20
Ethyl Benzene	1.766	1.924		8.95	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	0.753		11.06	20
o-Xylene	0.656	0.716		9.15	20
Styrene	1.148	1.250		8.89	20
Bromoform	0.205	0.229	0.1	11.71	20
Isopropylbenzene	3.628	4.115		13.42	20
1,1,2,2-Tetrachloroethane	0.779	0.814	0.3	4.49	20
n-propylbenzene	4.398	5.048		14.78	20
1,3,5-Trimethylbenzene	2.933	3.385		15.41	20
tert-Butylbenzene	2.583	3.005		16.34	20
1,2,4-Trimethylbenzene	2.997	3.399		13.41	20
sec-Butylbenzene	3.946	4.528		14.75	20
p-Isopropyltoluene	3.259	3.759		15.34	20
1,3-Dichlorobenzene	1.722	1.937		12.48	20
1,4-Dichlorobenzene	1.687	1.884		11.68	20
n-Butylbenzene	3.189	3.576		12.14	20
1,2-Dichlorobenzene	1.518	1.672		10.15	20
1,2-Dibromo-3-Chloropropane	0.111	0.111		0	20
1,2,4-Trichlorobenzene	0.927	1.051		13.38	20
1,2,3-Trichlorobenzene	0.831	0.934		12.4	20
1,2-Dichloroethane-d4	0.498	0.431		-13.45	20
Dibromofluoromethane	0.314	0.296		-5.73	20
Toluene-d8	1.124	1.028		-8.54	20
4-Bromofluorobenzene	0.364	0.336		-7.69	20

All other compounds must meet a minimum RRF of 0.010.
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