

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: TETR06

Lab Code: CHEM Case No.: P4440 SAS No.: P4440 SDG No.: P4440

Instrument ID: MSVOA_N Calibration Date/Time: 10/21/2024 11:38

Lab File ID: VN084428.D Init. Calib. Date(s): 09/30/2024 09/30/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:25 14:48

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.675	0.602	0.1	-10.81	20
Vinyl Chloride	0.654	0.597		-8.72	20
Bromomethane	0.431	0.370		-14.15	20
Chloroethane	0.468	0.401		-14.32	20
Trichlorofluoromethane	1.019	1.044		2.45	20
1,1,2-Trichlorotrifluoroethane	0.584	0.603		3.25	20
1,1-Dichloroethene	0.563	0.566		0.53	20
Acetone	0.318	0.317		-0.31	20
Carbon Disulfide	1.782	1.424		-20.09	20
Methyl tert-butyl Ether	1.900	2.031		6.89	20
Methylene Chloride	0.647	0.671		3.71	20
trans-1,2-Dichloroethene	0.590	0.593		0.51	20
1,1-Dichloroethane	1.131	1.189	0.1	5.13	20
2-Butanone	0.434	0.467		7.6	20
Carbon Tetrachloride	0.525	0.569		8.38	20
cis-1,2-Dichloroethene	0.713	0.752		5.47	20
Chloroform	1.175	1.280		8.94	20
1,1,1-Trichloroethane	1.055	1.115		5.69	20
Methylcyclohexane	0.533	0.522		-2.06	20
Benzene	1.492	1.635		9.58	20
1,2-Dichloroethane	0.506	0.549		8.5	20
Trichloroethene	0.348	0.375		7.76	20
1,2-Dichloropropane	0.353	0.401		13.6	20
Bromodichloromethane	0.529	0.606		14.56	20
4-Methyl-2-Pentanone	0.468	0.576		23.08	20
Toluene	0.910	1.023		12.42	20
t-1,3-Dichloropropene	0.539	0.601		11.5	20
cis-1,3-Dichloropropene	0.580	0.651		12.24	20
1,1,2-Trichloroethane	0.326	0.397		21.78	20
2-Hexanone	0.349	0.426		22.06	20
Dibromochloromethane	0.385	0.466		21.04	20
Tetrachloroethene	0.348	0.366		5.17	20
Chlorobenzene	1.109	1.181	0.3	6.49	20
Ethyl Benzene	1.961	2.070		5.56	20
m/p-Xylenes	0.725	0.807		11.31	20
o-Xylene	0.686	0.765		11.52	20
Styrene	1.162	1.354		16.52	20
Bromoform	0.281	0.332	0.1	18.15	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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Isopropylbenzene	3.815	3.797		-0.47	20
1,1,2,2-Tetrachloroethane	1.147	1.198	0.3	4.45	20
1,3-Dichlorobenzene	1.727	1.778		2.95	20
1,4-Dichlorobenzene	1.744	1.755		0.63	20
1,2-Dichlorobenzene	1.693	1.727		2.01	20
1,2-Dichloroethane-d4	0.741	0.791		6.75	20
Dibromofluoromethane	0.330	0.387		17.27	20
Toluene-d8	1.213	1.431		17.97	20
4-Bromofluorobenzene	0.442	0.522		18.1	20

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