

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: P4562 SAS No.: P4562 SDG No.: P4562

Instrument ID: MSVOA_X Calibration Date/Time: 10/30/2024 09:26

Lab File ID: VX043610.D Init. Calib. Date(s): 10/28/2024 10/28/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:59 12:54

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.535	0.477		-10.8	20
Chloromethane	0.684	0.584	0.1	-14.6	20
Vinyl Chloride	0.634	0.571		-10	20
Ethyl Acetate	0.488	0.486		-0.4	20
Bromomethane	0.259	0.237		-8.5	20
Chloroethane	0.223	0.203		-9.1	20
Trichlorofluoromethane	0.775	0.698		-10	20
1,1,2-Trichlorotrifluoroethane	0.524	0.507		-3.3	20
Tert butyl alcohol	0.149	0.145		-2.9	20
1,1-Dichloroethene	0.536	0.501		-6.4	20
Acrolein	0.116	0.099		-15.2	20
Acrylonitrile	0.336	0.337		0.2	20
Acetone	0.317	0.343		8.3	20
Carbon Disulfide	1.120	0.957		-14.6	20
Methyl tert-butyl Ether	2.037	1.972		-3.2	20
Methyl Acetate	0.925	0.882		-4.7	20
Methylene Chloride	0.682	0.636		-6.7	20
trans-1,2-Dichloroethene	0.566	0.534		-5.7	20
Vinyl Acetate	1.582	1.572		-0.6	20
1,1-Dichloroethane	1.101	1.028	0.1	-6.5	20
Cyclohexane	0.842	0.762		-9.5	20
2-Butanone	0.462	0.468		1.3	20
Carbon Tetrachloride	0.444	0.405		-8.8	20
2,2-Dichloropropane	0.901	0.854		-5.2	20
cis-1,2-Dichloroethene	0.723	0.716		-1	20
Bromochloromethane	0.524	0.533		1.8	20
Chloroform	1.154	1.104		-4.3	20
1,1,1-Trichloroethane	0.969	0.886		-8.6	20
Methylcyclohexane	0.499	0.481		-3.7	20
1,1-Dichloropropene	0.402	0.360		-10.4	20
Benzene	1.341	1.280		-4.5	20
1,2-Dichloroethane	0.482	0.451		-6.5	20
Trichloroethene	0.333	0.323		-3	20
1,2-Dichloropropane	0.330	0.318		-3.7	20
Dibromomethane	0.254	0.248		-2.7	20
Bromodichloromethane	0.446	0.457		2.5	20
4-Methyl-2-Pentanone	0.492	0.488		-0.8	20
Toluene	0.813	0.812		-0.2	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
t-1,3-Dichloropropene	0.479	0.489		2	20
cis-1,3-Dichloropropene	0.510	0.524		2.7	20
1,1,2-Trichloroethane	0.339	0.347		2.5	20
1,3-Dichloropropane	0.563	0.565		0.4	20
2-Chloroethyl Vinyl ether	0.266	0.288		7.9	20
2-Hexanone	0.374	0.373		-0.1	20
Dibromochloromethane	0.335	0.357		6.6	20
1,2-Dibromoethane	0.351	0.354		0.6	20
Tetrachloroethene	0.314	0.299		-5	20
Chlorobenzene	1.076	1.032	0.3	-4	20
1,1,1,2-Tetrachloroethane	0.351	0.354		0.9	20
Hexachloroethane	0.486	0.481		-1.1	20
Ethyl Benzene	1.754	1.649		-6	20
m/p-Xylenes	0.671	0.654		-2.6	20
o-Xylene	0.674	0.664		-1.4	20
Styrene	1.120	1.140		1.8	20
Bromoform	0.253	0.264	0.1	4.7	20
Isopropylbenzene	3.542	3.300		-6.8	20
1,1,2,2-Tetrachloroethane	1.274	1.220	0.3	-4.2	20
1,2,3-Trichloropropane	1.069	0.989		-7.5	20
Bromobenzene	0.915	0.889		-2.8	20
n-propylbenzene	3.862	3.712		-3.9	20
2-Chlorotoluene	2.561	2.365		-7.7	20
1,3,5-Trimethylbenzene	2.953	2.791		-5.5	20
4-Chlorotoluene	2.874	2.734		-4.9	20
tert-Butylbenzene	3.003	2.818		-6.2	20
1,2,4-Trimethylbenzene	3.010	2.912		-3.2	20
sec-Butylbenzene	3.520	3.360		-4.6	20
p-Isopropyltoluene	2.992	2.897		-3.2	20
1,3-Dichlorobenzene	1.639	1.625		-0.8	20
1,4-Dichlorobenzene	1.699	1.622		-4.5	20
n-Butylbenzene	2.438	2.449		0.4	20
1,2-Dichlorobenzene	1.676	1.677		0.1	20
1,2-Dibromo-3-Chloropropane	0.260	0.246		-5.1	20
1,2,4-Trichlorobenzene	1.017	1.063		4.5	20
Hexachlorobutadiene	0.375	0.375		-0.1	20
Naphthalene	3.893	3.988		2.4	20
1,2,3-Trichlorobenzene	1.073	1.092		1.8	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.797	0.748		-6.2	20
Dibromofluoromethane	0.339	0.352		3.9	20
Toluene-d8	1.174	1.213		3.4	20
4-Bromofluorobenzene	0.435	0.462		6.1	20

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