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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CHEM02

Lab Code: CHEM Case No.: Q2258 SAS No.: Q2258 SDG No.: Q2258

Instrument ID: MSVOA_X Calibration Date/Time: 06/20/2025 15:49

Lab File ID: VX046784.D Init. Calib. Date(s): 06/17/2025 06/17/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:19 17:18

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.534	0.522		-2.25	20
Chloromethane	0.576	0.619	0.1	7.47	20
Vinyl Chloride	0.614	0.624		1.63	20
Ethyl Acetate	0.441	0.411		-6.8	20
Bromomethane	0.346	0.421		21.68	20
Chloroethane	0.372	0.400		7.53	20
Trichlorofluoromethane	0.933	0.918		-1.61	20
1,1,2-Trichlorotrifluoroethane	0.572	0.570		-0.35	20
Tert butyl alcohol	0.062	0.051		-17.74	20
1,1-Dichloroethene	0.552	0.576		4.35	20
Acrolein	0.090	0.120		33.33	20
Acrylonitrile	0.279	0.292		4.66	20
Acetone	0.231	0.209		-9.52	20
Carbon Disulfide	1.668	1.587		-4.86	20
Methyl tert-butyl Ether	1.720	1.893		10.06	20
Methyl Acetate	0.586	0.619		5.63	20
Methylene Chloride	0.641	0.703		9.67	20
trans-1,2-Dichloroethene	0.591	0.626		5.92	20
Vinyl Acetate	1.529	1.750		14.45	20
1,1-Dichloroethane	1.092	1.209	0.1	10.71	20
Cyclohexane	1.036	1.010		-2.51	20
2-Butanone	0.326	0.319		-2.15	20
Carbon Tetrachloride	0.518	0.498		-3.86	20
2,2-Dichloropropane	0.796	0.849		6.66	20
cis-1,2-Dichloroethene	0.694	0.778		12.1	20
Bromochloromethane	0.495	0.590		19.19	20
Chloroform	1.092	1.243		13.83	20
1,1,1-Trichloroethane	0.958	0.996		3.97	20
Methylcyclohexane	0.628	0.595		-5.26	20
1,1-Dichloropropene	0.478	0.464		-2.93	20
Benzene	1.413	1.513		7.08	20
1,2-Dichloroethane	0.497	0.538		8.25	20
Trichloroethene	0.360	0.368		2.22	20
1,2-Dichloropropane	0.350	0.387		10.57	20
Dibromomethane	0.252	0.277		9.92	20
Bromodichloromethane	0.514	0.577		12.26	20
4-Methyl-2-Pentanone	0.411	0.408		-0.73	20
Toluene	0.876	0.939		7.19	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	0.477	0.545		14.26	20
cis-1,3-Dichloropropene	0.541	0.622		14.97	20
1,1,2-Trichloroethane	0.327	0.363		11.01	20
1,3-Dichloropropane	0.562	0.627		11.57	20
2-Chloroethyl Vinyl ether	0.250	0.290		16	20
2-Hexanone	0.284	0.273		-3.87	20
Dibromochloromethane	0.385	0.436		13.25	20
1,2-Dibromoethane	0.332	0.365		9.94	20
Tetrachloroethene	0.346	0.331		-4.34	20
Chlorobenzene	1.104	1.153	0.3	4.44	20
1,1,1,2-Tetrachloroethane	0.371	0.398		7.28	20
Hexachloroethane	0.584	0.571		-2.23	20
Ethyl Benzene	1.929	1.964		1.81	20
m/p-Xylenes	0.719	0.734		2.09	20
o-Xylene	0.673	0.720		6.98	20
Styrene	1.179	1.275		8.14	20
Bromoform	0.282	0.296	0.1	4.97	20
Isopropylbenzene	3.682	3.691		0.24	20
1,1,2,2-Tetrachloroethane	1.028	1.041	0.3	1.26	20
1,2,3-Trichloropropane	0.916	0.843		-7.97	20
Bromobenzene	0.886	0.947		6.89	20
n-propylbenzene	4.374	4.410		0.82	20
2-Chlorotoluene	2.611	2.673		2.38	20
1,3,5-Trimethylbenzene	3.026	3.093		2.21	20
4-Chlorotoluene	3.048	3.129		2.66	20
tert-Butylbenzene	3.128	3.125		-0.1	20
1,2,4-Trimethylbenzene	3.040	3.163		4.05	20
sec-Butylbenzene	3.953	3.912		-1.04	20
p-Isopropyltoluene	3.336	3.316		-0.6	20
1,3-Dichlorobenzene	1.728	1.747		1.1	20
1,4-Dichlorobenzene	1.775	1.771		-0.22	20
n-Butylbenzene	3.167	3.143		-0.76	20
1,2-Dichlorobenzene	1.615	1.709		5.82	20
1,2-Dibromo-3-Chloropropane	0.203	0.190		-6.4	20
1,2,4-Trichlorobenzene	1.148	1.187		3.4	20
Hexachlorobutadiene	0.483	0.459		-4.97	20
Naphthalene	3.270	3.299		0.89	20
1,2,3-Trichlorobenzene	1.098	1.160		5.65	20

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COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
1,2-Dichloroethane-d4	0.692	0.770		11.27	20
Dibromofluoromethane	0.331	0.374		12.99	20
Toluene-d8	1.189	1.290		8.49	20
4-Bromofluorobenzene	0.443	0.504		13.77	20

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