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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1730 SAS No.: Q1730 SDG No.: Q1730

Instrument ID: MSVOA_Y Calibration Date/Time: 04/07/2025 09:10

Lab File ID: VY021794.D Init. Calib. Date(s): 03/27/2025 03/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:08 12:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.452		-12.74	20
Chloromethane	0.729	0.643	0.1	-11.8	20
Vinyl Chloride	0.824	0.748		-9.22	20
Bromomethane	0.562	0.461		-17.97	20
Chloroethane	0.539	0.488		-9.46	20
Tetrahydrofuran	0.102	0.088		-13.73	20
Trichlorofluoromethane	1.056	0.976		-7.58	20
1,1,2-Trichlorotrifluoroethane	0.557	0.516		-7.36	20
1,1-Dichloroethene	0.524	0.492		-6.11	20
Acrylonitrile	0.120	0.104		-13.33	20
Acetone	0.111	0.115		3.6	20
Carbon Disulfide	1.727	1.557		-9.84	20
Methyl tert-butyl Ether	1.306	1.179		-9.72	20
Methylene Chloride	0.626	0.524		-16.29	20
trans-1,2-Dichloroethene	0.577	0.548		-5.03	20
1,1-Dichloroethane	1.049	0.993	0.1	-5.34	20
2-Butanone	0.158	0.145		-8.23	20
Carbon Tetrachloride	0.566	0.574		1.41	20
2,2-Dichloropropane	0.933	0.900		-3.54	20
cis-1,2-Dichloroethene	0.649	0.623		-4.01	20
Chloroform	1.091	1.038		-4.86	20
1,1,1-Trichloroethane	0.986	0.931		-5.58	20
1,1-Dichloropropene	0.494	0.499		1.01	20
Benzene	1.479	1.489		0.68	20
1,2-Dichloroethane	0.417	0.403		-3.36	20
Trichloroethene	0.377	0.391		3.71	20
1,2-Dichloropropane	0.350	0.349		-0.29	20
Dibromomethane	0.202	0.194		-3.96	20
Bromodichloromethane	0.523	0.517		-1.15	20
4-Methyl-2-Pentanone	0.230	0.214		-6.96	20
Toluene	0.923	0.947		2.6	20
t-1,3-Dichloropropene	0.465	0.463		-0.43	20
cis-1,3-Dichloropropene	0.548	0.550		0.37	20
1,1,2-Trichloroethane	0.260	0.255		-1.92	20
1,3-Dichloropropane	0.449	0.442		-1.56	20
2-Hexanone	0.153	0.149		-2.61	20
Dibromochloromethane	0.355	0.353		-0.56	20
1,2-Dibromoethane	0.244	0.237		-2.87	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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GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Tetrachloroethene	0.455	0.498		9.45	20
Chlorobenzene	1.146	1.144	0.3	-0.17	20
1,1,1,2-Tetrachloroethane	0.407	0.406		-0.25	20
Ethyl Benzene	1.965	2.032		3.41	20
m/p-Xylenes	0.753	0.782		3.85	20
o-Xylene	0.695	0.722		3.88	20
Styrene	1.158	1.220		5.35	20
Bromoform	0.232	0.230	0.1	-0.86	20
Isopropylbenzene	3.714	3.754		1.08	20
1,1,2,2-Tetrachloroethane	0.668	0.558	0.3	-16.47	20
1,2,3-Trichloropropane	0.496	0.495		-0.2	20
Bromobenzene	0.892	0.880		-1.35	20
n-propylbenzene	4.465	4.571		2.37	20
2-Chlorotoluene	2.593	2.571		-0.85	20
1,3,5-Trimethylbenzene	3.035	3.067		1.05	20
4-Chlorotoluene	2.704	2.643		-2.26	20
tert-Butylbenzene	2.703	2.671		-1.18	20
1,2,4-Trimethylbenzene	3.000	3.088		2.93	20
sec-Butylbenzene	3.951	3.994		1.09	20
p-Isopropyltoluene	3.265	3.370		3.22	20
1,3-Dichlorobenzene	1.757	1.749		-0.46	20
1,4-Dichlorobenzene	1.736	1.688		-2.77	20
n-Butylbenzene	3.020	3.049		0.96	20
1,2-Dichlorobenzene	1.529	1.506		-1.5	20
1,2-Dibromo-3-Chloropropane	0.103	0.093		-9.71	20
1,2,4-Trichlorobenzene	0.829	0.817		-1.45	20
Hexachlorobutadiene	0.518	0.498		-3.86	20
1,2,3-Trichlorobenzene	0.707	0.687		-2.83	20
1,2-Dichloroethane-d4	0.542	0.510		-5.9	20
Dibromofluoromethane	0.324	0.328		1.24	20
Toluene-d8	1.234	1.277		3.48	20
4-Bromofluorobenzene	0.417	0.433		3.84	20
trans-1,4-Dichloro-2-butene	0.215	0.199		-7.44	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.