284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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: 04/04/2025 09:22

Lab File ID: VY021776.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	0.460		-11.2	20
Chloromethane	0.729	0.638	0.1	-12.48	20
Vinyl Chloride	0.824	0.724		-12.14	20
Bromomethane	0.562	0.483		-14.06	20
Chloroethane	0.539	0.475		-11.87	20
Tetrahydrofuran	0.102	0.090		-11.77	20
Trichlorofluoromethane	1.056	0.959		-9.19	20
1,1,2-Trichlorotrifluoroethane	0.557	0.515		-7.54	20
1,1-Dichloroethene	0.524	0.481		-8.21	20
Acrylonitrile	0.120	0.106		-11.67	20
Acetone	0.111	0.091		-18.02	20
Carbon Disulfide	1.727	1.549		-10.31	20
Methyl tert-butyl Ether	1.306	1.203		-7.89	20
Methylene Chloride	0.626	0.518		-17.25	20
trans-1,2-Dichloroethene	0.577	0.534		-7.45	20
1,1-Dichloroethane	1.049	0.975	0.1	-7.05	20
2-Butanone	0.158	0.136		-13.92	20
Carbon Tetrachloride	0.566	0.560		-1.06	20
2,2-Dichloropropane	0.933	0.874		-6.32	20
cis-1,2-Dichloroethene	0.649	0.609		-6.16	20
Chloroform	1.091	1.012		-7.24	20
1,1,1-Trichloroethane	0.986	0.918		-6.9	20
1,1-Dichloropropene	0.494	0.495		0.2	20
Benzene	1.479	1.458		-1.42	20
1,2-Dichloroethane	0.417	0.401		-3.84	20
Trichloroethene	0.377	0.375		-0.53	20
1,2-Dichloropropane	0.350	0.345		-1.43	20
Dibromomethane	0.202	0.194		-3.96	20
Bromodichloromethane	0.523	0.513		-1.91	20
4-Methyl-2-Pentanone	0.230	0.222		-3.48	20
Toluene	0.923	0.937		1.52	20
t-1,3-Dichloropropene	0.465	0.457		-1.72	20
cis-1,3-Dichloropropene	0.548	0.537		-2.01	20
1,1,2-Trichloroethane	0.260	0.253		-2.69	20
1,3-Dichloropropane	0.449	0.443		-1.34	20
2-Hexanone	0.153	0.149		-2.61	20
Dibromochloromethane	0.355	0.359		1.13	20
1,2-Dibromoethane	0.244	0.241		-1.23	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	0.452		-0.66	20
Chlorobenzene	1.146	1.113	0.3	-2.88	20
1,1,1,2-Tetrachloroethane	0.407	0.402		-1.23	20
Ethyl Benzene	1.965	1.994		1.48	20
m/p-Xylenes	0.753	0.761		1.06	20
o-Xylene	0.695	0.704		1.29	20
Styrene	1.158	1.203		3.89	20
Bromoform	0.232	0.228	0.1	-1.72	20
Isopropylbenzene	3.714	3.651		-1.7	20
1,1,2,2-Tetrachloroethane	0.668	0.591	0.3	-11.53	20
1,2,3-Trichloropropane	0.496	0.480		-3.23	20
Bromobenzene	0.892	0.846		-5.16	20
n-propylbenzene	4.465	4.445		-0.45	20
2-Chlorotoluene	2.593	2.517		-2.93	20
1,3,5-Trimethylbenzene	3.035	2.999		-1.19	20
4-Chlorotoluene	2.704	2.623		-3	20
tert-Butylbenzene	2.703	2.636		-2.48	20
1,2,4-Trimethylbenzene	3.000	3.001		0.03	20
sec-Butylbenzene	3.951	3.921		-0.76	20
p-Isopropyltoluene	3.265	3.296		0.95	20
1,3-Dichlorobenzene	1.757	1.684		-4.16	20
1,4-Dichlorobenzene	1.736	1.654		-4.72	20
n-Butylbenzene	3.020	3.041		0.69	20
1,2-Dichlorobenzene	1.529	1.479		-3.27	20
1,2-Dibromo-3-Chloropropane	0.103	0.093		-9.71	20
1,2,4-Trichlorobenzene	0.829	0.819		-1.21	20
Hexachlorobutadiene	0.518	0.505		-2.51	20
1,2,3-Trichlorobenzene	0.707	0.703		-0.57	20
1,2-Dichloroethane-d4	0.542	0.533		-1.66	20
Dibromofluoromethane	0.324	0.337		4.01	20
Toluene-d8	1.234	1.303		5.59	20
4-Bromofluorobenzene	0.417	0.442		5.99	20
trans-1,4-Dichloro-2-butene	0.215	0.191		-11.16	20

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