Alliance TECHNICAL GROUP
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG No.: P5006

Instrument ID: MSVOA_X Calibration Date/Time: 12/03/2024 09:44

Lab File ID: VX044080.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.633	0.633		0	20
Chloromethane	0.667	0.595	0.1	-10.8	20
Vinyl Chloride	0.709	0.648		-8.6	20
Bromomethane	0.436	0.445		2.06	20
Chloroethane	0.432	0.393		-9.03	20
Trichlorofluoromethane	1.268	1.309		3.23	20
1,1,2-Trichlorotrifluoroethane	0.605	0.649		7.27	20
1,1-Dichloroethene	0.576	0.573		-0.52	20
Acetone	0.394	0.356		-9.65	20
Carbon Disulfide	1.188	0.978		-17.68	20
Methyl tert-butyl Ether	2.092	2.301		9.99	20
Methyl Acetate	0.917	0.938		2.29	20
Methylene Chloride	0.668	0.663		-0.75	20
trans-1,2-Dichloroethene	0.595	0.596		0.17	20
1,1-Dichloroethane	1.161	1.233	0.1	6.2	20
Cyclohexane	0.956	0.965		0.94	20
2-Butanone	0.508	0.490		-3.54	20
Carbon Tetrachloride	0.500	0.536		7.2	20
cis-1,2-Dichloroethene	0.735	0.749		1.9	20
Bromochloromethane	0.511	0.468		-8.41	20
Chloroform	1.249	1.324		6.01	20
1,1,1-Trichloroethane	1.077	1.192		10.68	20
Methylcyclohexane	0.578	0.611		5.71	20
Benzene	1.387	1.444		4.11	20
1,2-Dichloroethane	0.557	0.594		6.64	20
Trichloroethene	0.393	0.360		-8.4	20
1,2-Dichloropropane	0.340	0.372		9.41	20
Bromodichloromethane	0.482	0.538		11.62	20
4-Methyl-2-Pentanone	0.537	0.558		3.91	20
Toluene	0.830	0.875		5.42	20
t-1,3-Dichloropropene	0.491	0.537		9.37	20
cis-1,3-Dichloropropene	0.539	0.584		8.35	20
1,1,2-Trichloroethane	0.343	0.357		4.08	20
2-Hexanone	0.403	0.419		3.97	20
Dibromochloromethane	0.344	0.378		9.88	20
1,2-Dibromoethane	0.346	0.369		6.65	20
Tetrachloroethene	0.330	0.361		9.39	20
Chlorobenzene	1.098	1.155	0.3	5.19	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
Ethyl Benzene	1.861	2.067		11.07	20
m/p-Xylenes	0.694	0.759		9.37	20
o-Xylene	0.678	0.763		12.54	20
Styrene	1.121	1.260		12.4	20
Bromoform	0.240	0.275	0.1	14.58	20
Isopropylbenzene	3.843	4.393		14.31	20
1,1,2,2-Tetrachloroethane	1.316	1.398	0.3	6.23	20
1,3-Dichlorobenzene	1.670	1.806		8.14	20
1,4-Dichlorobenzene	1.702	1.803		5.93	20
1,2-Dichlorobenzene	1.685	1.789		6.17	20
1,2-Dibromo-3-Chloropropane	0.264	0.284		7.58	20
1,2,4-Trichlorobenzene	0.994	1.070		7.65	20
1,2,3-Trichlorobenzene	1.006	1.138		13.12	20
1,2-Dichloroethane-d4	0.858	0.812		-5.36	20
Dibromofluoromethane	0.357	0.344		-3.64	20
Toluene-d8	1.232	1.134		-7.95	20
4-Bromofluorobenzene	0.419	0.403		-3.82	20

All other compounds must meet a minimum RRF of 0.010.
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