Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: AECO15

Lab Code: CHEM Case No.: P5317 SAS No.: P5317 SDG No.: P5317

Instrument ID: MSVOA_X Calibration Date/Time: 12/30/2024 13:07

Lab File ID: VX044540.D Init. Calib. Date(s): 12/11/2024 12/11/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:41 13:00

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.773	0.704		-8.93	20
Chloromethane	0.739	0.649	0.1	-12.18	20
Vinyl Chloride	0.770	0.670		-12.99	20
Bromomethane	0.546	0.451		-17.4	20
Chloroethane	0.480	0.420		-12.5	20
Trichlorofluoromethane	1.508	1.226		-18.7	20
1,1,2-Trichlorotrifluoroethane	0.610	0.602		-1.31	20
1,1-Dichloroethene	0.560	0.548		-2.32	20
Acetone	0.357	0.291		-18.49	20
Carbon Disulfide	1.065	0.968		-9.11	20
Methyl tert-butyl Ether	2.187	1.898		-13.21	20
Methyl Acetate	0.922	0.858		-6.94	20
Methylene Chloride	0.671	0.609		-9.24	20
trans-1,2-Dichloroethene	0.596	0.541		-9.23	20
1,1-Dichloroethane	1.172	1.067	0.1	-8.96	20
Cyclohexane	0.946	0.837		-11.52	20
2-Butanone	0.508	0.441		-13.19	20
Carbon Tetrachloride	0.482	0.508		5.39	20
cis-1,2-Dichloroethene	0.756	0.696		-7.94	20
Bromochloromethane	0.575	0.491		-14.61	20
Chloroform	1.316	1.161		-11.78	20
1,1,1-Trichloroethane	1.093	1.013		-7.32	20
Methylcyclohexane	0.535	0.577		7.85	20
Benzene	1.359	1.403		3.16	20
1,2-Dichloroethane	0.560	0.548		-2.14	20
Trichloroethene	0.339	0.365		7.67	20
1,2-Dichloropropane	0.347	0.354		2.02	20
Bromodichloromethane	0.465	0.504		8.39	20
4-Methyl-2-Pentanone	0.556	0.557		0.18	20
Toluene	0.853	0.875		2.58	20
t-1,3-Dichloropropene	0.455	0.489		7.47	20
cis-1,3-Dichloropropene	0.507	0.549		8.28	20
1,1,2-Trichloroethane	0.339	0.365		7.67	20
2-Hexanone	0.403	0.408		1.24	20
Dibromochloromethane	0.326	0.376		15.34	20
1,2-Dibromoethane	0.345	0.387		12.17	20
Tetrachloroethene	0.332	0.375		12.95	20
Chlorobenzene	1.071	1.137	0.3	6.16	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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Ethyl Benzene	1.851	1.950		5.29	20
m/p-Xylenes	0.679	0.724		6.63	20
o-Xylene	0.687	0.730		6.26	20
Styrene	1.102	1.225		11.16	20
Bromoform	0.219	0.274	0.1	25.11	20
Isopropylbenzene	3.828	3.771		-1.49	20
1,1,2,2-Tetrachloroethane	1.329	1.246	0.3	-6.24	20
1,3-Dichlorobenzene	1.621	1.705		5.18	20
1,4-Dichlorobenzene	1.667	1.687		1.2	20
1,2-Dichlorobenzene	1.684	1.724		2.38	20
1,2-Dibromo-3-Chloropropane	0.258	0.243		-5.81	20
1,2,4-Trichlorobenzene	0.923	1.049		13.65	20
1,2,3-Trichlorobenzene	0.979	1.098		12.15	20
1,2-Dichloroethane-d4	0.877	0.712		-18.81	20
Dibromofluoromethane	0.346	0.347		0.29	20
Toluene-d8	1.168	1.152		-1.37	20
4-Bromofluorobenzene	0.408	0.416		1.96	20

All other compounds must meet a minimum RRF of 0.010.
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