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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LIR001
Lab Code: CHEM Case No.: P1747 SAS No.: P1747 SDG No.: P1747
Instrument ID: MSVOA_X Calibration Date(s): 03/05/2024 03/05/2024
Heated Purge: (Y/N) N Calibration Time(s): 10:58 12:30
GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:		RRF005 = VX040579.D		RRF020 = VX040580.D		RRF050 = VX040581.D		
		RRF100 = VX040582.D		RRF150 = VX040583.D		RRF =		
COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	RRF	% RSD
Methyl tert-Butyl Ether	6.759	5.818	6.419	6.925	7.091		6.602	7.6
Carbon Tetrachloride	0.565	0.506	0.545	0.567	0.568		0.551	4.8
Chloroform	4.296	3.676	4.073	4.347	4.401		4.158	7.1
1,1,1-Trichloroethane	0.699	0.611	0.630	0.662	0.669		0.654	5.3
Benzene	1.497	1.333	1.370	1.401	1.408		1.402	4.3
Toluene	1.745	1.725	1.674	1.490	1.627		1.652	6.1
Tetrachloroethene	0.392	0.370	0.368	0.313	0.338		0.356	8.6
Ethyl Benzene	1.945	1.761	1.979	1.914	1.926		1.905	4.4
m/p-Xylenes	0.698	0.651	0.736	0.717	0.715		0.704	4.5
o-Xylene	0.635	0.638	0.711	0.699	0.703		0.677	5.5
1,4-Dichlorobenzene	0.817	0.782	0.876	0.881	0.954		0.862	7.7
1,2-Dichloroethane-d4	2.970	2.805	2.931	3.131	3.145		2.996	4.8
Toluene-d8	1.288	1.478	1.338	1.223	1.302		1.326	7.1
4-Bromofluorobenzene	0.443	0.506	0.544	0.536	0.543		0.515	8.3

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.