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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CLOU03

Lab Code: CHEM Case No.: P4960 SAS No.: P4960 SDG No.: P4960

Instrument ID: MSVOA_Y Calibration Date(s): 11/19/2024 11/19/2024

Heated Purge: (Y/N) Y Calibration Time(s): 15:49 17:42

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

LAB FILE ID: RRF005 = VY020338.D RRF010 = VY020339.D RRF020 = VY020340.D
RRF050 = VY020341.D RRF100 = VY020342.D RRF150 = VY020343.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Methyl tert-butyl Ether	1.574	1.297	1.482	1.399	1.404	1.346	1.417	7
Benzene	1.632	1.376	1.440	1.348	1.378	1.435	1.435	7.2
Toluene	0.970	0.836	0.890	0.850	0.829	0.889	0.877	6
Ethyl Benzene	2.319	1.973	2.002	2.051	1.932	2.063	2.057	6.7
m/p-Xylenes	0.829	0.725	0.742	0.708	0.696	0.745	0.741	6.4
o-Xylene	0.770	0.694	0.711	0.668	0.666	0.706	0.703	5.4
Isopropylbenzene	4.851	4.028	4.070	4.314	3.899	4.251	4.236	8
n-propylbenzene	5.602	4.857	4.973	5.199	4.723	5.146	5.083	6.1
1,3,5-Trimethylbenzene	3.622	3.162	3.792	3.392	3.156	3.414	3.423	7.3
tert-Butylbenzene	3.233	2.921	3.004	3.092	2.801	3.073	3.021	4.9
1,2,4-Trimethylbenzene	3.600	3.376	3.453	3.404	3.134	3.395	3.394	4.4
sec-Butylbenzene	5.836	4.237	4.948	5.073	4.046	4.434	4.762	13.9
p-Isopropyltoluene	4.038	3.365	3.793	3.854	3.357	3.687	3.682	7.4
n-Butylbenzene	3.853	3.314	3.479	3.661	3.259	3.589	3.526	6.3
Naphthalene	1.445	1.394	1.453	1.636	1.720	1.691	1.557	9.1
1,2-Dichloroethane-d4	0.609	0.523	0.545	0.636	0.563	0.571	0.574	7.3
Dibromofluoromethane	0.346	0.347	0.307	0.323	0.288	0.312	0.321	7.2
Toluene-d8	1.397	1.186	1.208	1.398	1.130	1.259	1.263	8.9
4-Bromofluorobenzene	0.459	0.381	0.384	0.430	0.369	0.413	0.406	8.5

* 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.