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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG No.: P4103

Instrument ID: MSVOA_N Calibration Date(s): 09/10/2024 09/10/2024

Heated Purge: (Y/N) N Calibration Time(s): 09:08 12:43

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

LAB FILE ID: RRF100 = VN083742.D RRF050 = VN083743.D RRF010 = VN083745.D
RRF005 = VN083746.D RRF001 = VN083747.D RRF020 = VN083749.D

COMPOUND	RRF100	RRF050	RRF010	RRF005	RRF001	RRF020	$\overline{RRF}$	% RSD
Vinyl Chloride	0.591	0.656	0.597	0.619	0.663	0.692	0.636	6.3
1,1-Dichloroethane	1.069	1.145	1.014	1.165	1.168	1.295	1.143	8.4
2-Butanone	0.372	0.393	0.336	0.381	0.410	0.491	0.397	13.2
Carbon Tetrachloride	0.541	0.561	0.475	0.544	0.515	0.643	0.547	10.2
Chloroform	1.145	1.221	1.081	1.224	1.180	1.428	1.213	9.7
Benzene	1.400	1.441	1.284	1.386	1.450	1.740	1.450	10.6
1,2-Dichloroethane	0.523	0.546	0.495	0.534	0.497	0.656	0.542	11
Trichloroethene	0.323	0.340	0.300	0.306	0.354	0.392	0.336	10.2
Toluene	0.883	0.908	0.773	0.878	0.820	1.060	0.887	11.1
Tetrachloroethene	0.313	0.321	0.302	0.340	0.341	0.377	0.333	8
Chlorobenzene	1.046	1.091	0.973	1.105	1.196	1.257	1.111	9.2
Ethyl Benzene	1.985	2.029	1.747	1.889	1.913	2.281	1.974	9
m/p-Xylenes	0.734	0.754	0.652	0.688	0.713	0.856	0.733	9.6
o-Xylene	0.707	0.740	0.654	0.668	0.657	0.831	0.710	9.6
1,2-Dichloroethane-d4	0.745	0.849	0.846	0.599		0.732	0.754	13.6
Dibromofluoromethane	0.316	0.340	0.340	0.284		0.321	0.320	7.2
Toluene-d8	1.172	1.271	1.199	0.761		1.130	1.107	18.1
4-Bromofluorobenzene	0.448	0.488	0.458	0.386		0.503	0.457	9.9

* 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.