

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GFEL01
 Lab Code: CHEM Case No.: Q1757 SAS No.: Q1757 SDG No.: Q1757
 Instrument ID: MSVOA_L Calibration Date(s): 03/27/2025 03/27/2025
 Heated Purge: (Y/N) N Calibration Time(s): 08:26 11:36
 GC Column: RTX-1 ID: 0.32 (mm)

LAB FILE ID:		RRF010 = VL042172.D		RRF002 = VL042173.D		RRF001 = VL042174.D		
		RRF0.5 = VL042175.D		RRF0.1 = VL042176.D		RRF.03 = VL042177.D		
COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	RRF	% RSD
Vinyl Chloride	0.549	0.584	0.576	0.635	0.705	0.882	0.639	18.8
Heptane	1.792	1.897	1.940	1.847			1.839	4.7
1,1-Dichloroethene	0.504	0.560	0.565	0.624			0.552	9
Cyclohexane	1.162	1.211	1.238	1.337			1.217	6.3
cis-1,2-Dichloroethene	1.371	1.426	1.460	1.507			1.423	4.4
1,1,1-Trichloroethane	2.062	2.152	2.201	2.279	2.495	3.151	2.349	16.2
2,2,4-Trimethylpentane	1.608	1.723	1.689	1.781			1.675	5
Benzene	0.934	1.013	1.027	1.050			0.991	5.5
Trichloroethene	0.374	0.398	0.408	0.438	0.437	0.463	0.414	8
Toluene	1.125	1.202	1.203	1.239			1.175	4.8
Tetrachloroethene	0.343	0.371	0.361	0.401	0.359	0.572	0.393	20.6
Ethyl Benzene	1.671	1.894	1.822	1.850			1.776	6.3
m/p-Xylene	1.321	1.484	1.472	1.505			1.418	6.7
o-Xylene	1.328	1.499	1.475	1.521			1.422	7.5
1,3,5-Trimethylbenzene	1.387	1.677	1.671	1.616			1.546	9.7
1,2,4-Trimethylbenzene	1.510	1.966	1.958	1.994			1.781	14.7
Naphthalene	1.806	2.314	2.181	1.979	1.637		1.948	13.3
1-Bromo-4-Fluorobenzene	0.813	0.828	0.810	0.832	0.827	0.820	0.821	1
Hexane	1.333	1.383	1.462	1.507			1.402	5.7

* 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.