284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GFEL01

Lab Code: CHEM Case No.: P4696 SAS No.: P4696 SDG No.: P4696

Instrument ID: MSVOA_L Calibration Date(s): 11/07/2024 11/07/2024

Heated Purge: (Y/N) N Calibration Time(s): 10:15 14:12

GC Column: RTX-1 ID: 0.32 (mm)

LAB FILE ID: RRF010 = VL041674.D RRF002 = VL041675.D RRF001 = VL041676.D
RRF0.5 = VL041677.D RRF0.1 = VL041678.D RRF.03 = VL041679.D

COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	$\overline{RRF}$	% RSD
Vinyl Chloride	0.626	0.680	0.660	0.627	0.490	0.643	0.621	9.9
Heptane	1.311	1.364	1.257	1.093			1.272	8.5
1,1-Dichloroethene	0.476	0.521	0.491	0.533			0.502	4.8
Cyclohexane	0.825	0.852	0.744	0.901			0.833	6.9
cis-1,2-Dichloroethene	0.936	0.959	0.972	0.873			0.942	4.3
1,1,1-Trichloroethane	1.488	1.619	1.574	1.468	1.289	1.373	1.474	7.7
2,2,4-Trimethylpentane	1.251	1.391	1.306	1.086			1.255	8.9
Benzene	0.738	0.803	0.751	0.663			0.741	6.8
1,2-Dichloroethane	0.408	0.435	0.433	0.396			0.418	3.9
Trichloroethene	0.303	0.320	0.289	0.264	0.232	0.273	0.285	10.8
Toluene	0.855	0.842	0.761	0.560			0.779	16.7
Tetrachloroethene	0.276	0.285	0.279	0.248	0.192	0.202	0.252	15.8
Ethyl Benzene	1.141	1.232	1.092	0.868			1.096	12.5
m/p-Xylene	0.975	1.112	1.019	0.832			0.982	10.3
o-Xylene	0.947	1.068	0.958	0.771			0.936	11.3
1,3,5-Trimethylbenzene	0.967	1.096	0.946	0.794			0.955	11.3
1,2,4-Trimethylbenzene	1.071	1.262	1.174	0.980			1.109	9.9
Naphthalene	0.832	0.854	0.738	0.527	0.269		0.685	35.3
1-Bromo-4-Fluorobenzene	0.716	0.722	0.745	0.763	0.750	0.741	0.737	2.4
Hexane	0.966	1.025	1.031	0.881			0.979	6.2

* 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.