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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GFEL01

Lab Code: ACE SDG No.: Q3000

Instrument ID: MSVOA_L Calibration Date(s): 08/13/2025 08/13/2025

Heated Purge: (Y/N) N Calibration Time(s): 08:30 12:06

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

LAB FILE ID: RRF010 = VL042842.D RRF002 = VL042843.D RRF001 = VL042844.D
RRF0.5 = VL042845.D RRF0.1 = VL042846.D RRF.03 = VL042847.D

COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	$\overline{RRF}$	% RSD
Vinyl Chloride	0.502	0.550	0.559	0.593	0.639	0.728	0.582	13.7
Heptane	1.718	1.917	2.011	2.009			1.874	8
1,1-Dichloroethene	0.469	0.532	0.509	0.552			0.507	7.2
Cyclohexane	1.214	1.340	1.283	1.425			1.296	6.9
cis-1,2-Dichloroethene	1.346	1.524	1.524	1.625			1.476	8.1
1,1,1-Trichloroethane	1.999	2.215	2.148	2.209	2.528	2.448	2.230	8.7
2,2,4-Trimethylpentane	1.515	1.676	1.719	1.728			1.625	7.1
Benzene	0.912	0.990	0.978	1.013			0.958	5.3
Trichloroethene	0.399	0.453	0.448	0.501	0.448	0.416	0.437	8.3
Toluene	1.072	1.160	1.181	1.219			1.138	6.1
Tetrachloroethene	0.313	0.345	0.333	0.369	0.379	0.391	0.346	10.2
Ethyl Benzene	1.636	1.838	1.866	1.854			1.765	6.8
m/p-Xylene	1.283	1.455	1.454	1.447			1.383	6.8
o-Xylene	1.266	1.445	1.472	1.532			1.391	9.3
1,3,5-Trimethylbenzene	1.293	1.512	1.535	1.548			1.434	9.4
1,2,4-Trimethylbenzene	1.394	1.698	1.706	1.710			1.574	11.3
Naphthalene	1.315	1.746	1.647	1.383	1.174		1.427	15.5
1-Bromo-4-Fluorobenzene	0.755	0.744	0.760	0.755	0.746	0.736	0.750	1.1
Hexane	1.392	1.522	1.552	1.557			1.478	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.