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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GFEL01

Lab Code: ACE SDG No.: Q3112

Instrument ID: MSVOA_L Calibration Date(s): 09/22/2025 09/22/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:39 13:05

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

LAB FILE ID: RRF010 = VL042950.D RRF002 = VL042951.D RRF001 = VL042952.D
RRF0.5 = VL042953.D RRF0.1 = VL042954.D RRF.03 = VL042955.D

COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	$\overline{RRF}$	% RSD
Vinyl Chloride	0.470	0.524	0.567	0.529	0.562	0.729	0.550	15.9
Heptane	1.870	1.961	2.060	2.102			1.946	7.6
1,1-Dichloroethane	0.993	1.109	1.172	1.147			1.083	7.8
Cyclohexane	1.193	1.280	1.333	1.312			1.255	6.2
cis-1,2-Dichloroethene	1.357	1.465	1.464	1.443			1.406	5.3
1,1,1-Trichloroethane	1.902	2.071	2.164	2.017	2.087	2.724	2.119	13.5
2,2,4-Trimethylpentane	1.563	1.690	1.660	1.705			1.622	5.6
Benzene	0.898	0.972	0.970	0.974			0.939	4.8
Trichloroethene	0.426	0.452	0.467	0.481	0.495	0.527	0.467	8.2
Toluene	1.078	1.156	1.137	1.155			1.111	5
Tetrachloroethene	0.325	0.351	0.355	0.356	0.404	0.436	0.363	11.8
Ethyl Benzene	1.570	1.737	1.715	1.657			1.642	5.5
m/p-Xylene	1.225	1.361	1.365	1.332			1.295	6.3
o-Xylene	1.221	1.359	1.379	1.335			1.294	7
1,3,5-Trimethylbenzene	1.263	1.399	1.346	1.333			1.314	5.1
1,2,4-Trimethylbenzene	1.349	1.558	1.522	1.534			1.451	8.3
Naphthalene	1.373	1.474	1.320	1.102	1.093		1.283	12
1-Bromo-4-Fluorobenzene	0.763	0.747	0.743	0.749	0.738	0.736	0.746	1.2
Hexane	1.398	1.553	1.614	1.621			1.501	9.1

* 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.