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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: LIRO01

Lab Code: ACE SDG No.: Q3468

Instrument ID: MSVOA_N Calibration Date(s): 10/23/2025 10/23/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:42 12:02

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

LAB FILE ID: RRF001 = VN088078.D RRF005 = VN088079.D RRF020 = VN088080.D
RRF050 = VN088081.D RRF100 = VN088082.D RRF150 = VN088083.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Methyl tert-butyl Ether	2.356	2.498	2.493	1.790	2.370	2.342	2.308	11.4
Benzene	1.621	1.577	1.609	1.216	1.372	1.566	1.494	10.9
Toluene	0.971	0.958	0.991	0.755	0.862	0.989	0.921	10.2
Ethyl Benzene	2.069	2.066	2.123	1.649	1.873	2.177	1.993	9.9
m/p-Xylenes	0.733	0.774	0.804	0.635	0.708	0.827	0.747	9.4
o-Xylene	0.670	0.742	0.764	0.604	0.684	0.784	0.708	9.6
Isopropylbenzene	4.189	3.857	4.067	3.173	3.580	4.272	3.856	10.8
n-propylbenzene	4.874	4.855	4.930	3.925	4.436	5.217	4.706	9.7
1,3,5-Trimethylbenzene	3.329	3.254	3.385	2.669	3.028	3.551	3.203	9.8
tert-Butylbenzene	3.154	2.876	3.002	2.358	2.646	3.131	2.861	10.8
1,2,4-Trimethylbenzene	3.242	3.316	3.465	2.700	3.012	3.491	3.204	9.4
sec-Butylbenzene	4.578	4.273	4.382	3.490	3.881	4.616	4.203	10.4
p-Isopropyltoluene	3.269	3.541	3.602	2.866	3.170	3.783	3.372	9.9
n-Butylbenzene	3.396	3.438	3.493	2.827	3.158	3.730	3.340	9.3
Naphthalene	3.451	3.110	3.437	2.732	3.203	3.987	3.320	12.6
1,2-Dichloroethane-d4		0.914	0.915	0.799	0.822	0.872	0.865	6.1
Dibromofluoromethane		0.343	0.344	0.315	0.327	0.350	0.336	4.3
Toluene-d8		1.283	1.298	1.224	1.283	1.384	1.294	4.4
4-Bromofluorobenzene		0.435	0.457	0.439	0.466	0.488	0.457	4.8

* 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.