

Ordering Physician:
Robert David, PhD
3425 Corporate Way
Duluth, GA 30096



0762 Volatile Solvents - Whole Blood

Methodology: Gas Chromatography/Mass Spectrometry

Compound Tested	Results (ng/mL)	Percentile			
		50th	75th	90th	95th
1. Benzene	0.33	<DL	0.06	0.17	0.26
2. Ethylbenzene	0.16	<DL	0.05	0.08	0.11
3. Styrene	0.56	<DL	0.05	0.09	0.12
4. Toluene	<DL	<DL	<DL	0.43	0.68
5. m,p-Xylene	0.71	0.13	0.2	0.28	0.34
6. o-Xylene	0.22	<DL	0.51	0.72	0.9

Percentile values are from the NHANES Fourth National Report on Human Exposure to Environmental Chemicals, CDC, 2009.

7. Hexane	296	183	209	254	278
8. 2-Methylpentane	82	52	63	75	88
9. 3-Methylpentane	74	100	116	142	164
10. Iso-octane	5.7	7.6	8.6	9.6	10.2

No national reference ranges are established for hexane, 2- and 3- methylpentane and iso-octane. Percentile ranges are based on patient samples analyzed at Metamatrix.

<DL = less than detection limit

Finding a measurable amount of one or more toxicants does not mean that adverse health effects are present, therefore no levels are flagged as abnormal. The percentiles provide reference values to determine whether or not this patient's results fall in the upper ranges of the general population.

For interpretive information, visit www.metamatrix.com/vs and select the Interpretive Guide from the downloads tab.