

Compounds	Daytime ($n = 28$)	Nighttime ($n = 29$)	Total ($n = 57$)
Dicarboxylic acids			
Oxalic, C ₂	-15.8 ± 1.9 (-19.4 to -13.0)	-17.2 ± 1.7 (-20.1 to -12.1)	-16.5 ± 1.9 (-20.1 to -12.1)
Malonic, C ₃	-19.1 ± 2.3 (-23.8 to -15.9)	-18.5 ± 1.8 (-21.1 to -15.3)	-18.8 ± 2.0 (-23.8 to -15.3)
Succinic, C ₄	-22.0 ± 2.3 (-25.6 to -18.5)	-21.4 ± 2.2 (-24.6 to -18.4)	-21.7 ± 2.2 (-25.6 to -18.4)
Adipic, C ₆	-23.7 ± 2.5 (-27.3 to -19.9)	-24.8 ± 2.4 (-27.9 to -21.4)	-24.2 ± 2.5 (-27.9 to -19.9)
Azelaic, C ₉	-24.7 ± 2.6 (-28.7 to -21.0)	-25.7 ± 2.7 (-30.3 to -21.9)	-25.2 ± 2.7 (-30.3 to -21.0)
Phthalic, Ph	-24.3 ± 2.5 (-28.1 to -20.6)	-25.2 ± 2.6 (-29.2 to -20.9)	-24.8 ± 2.5 (-29.2 to -20.6)
Ketocarboxylic acids			
Pyruvic, Pyr	-19.4 ± 2.1 (-23.1 to -16.5)	-21.2 ± 2.2 (-24.5 to -17.8)	-20.3 ± 2.3 (-24.5 to -16.5)
Glyoxylic, ω C ₂	$-18.6.8 \pm 1.9$ (-21.5 to -15.6)	-20.2 ± 2.1 (-23.1 to -16.9)	-19.4 ± 2.2 (-23.1 to -15.6)
3-Oxopropanoic, ω C ₃	-20.2 ± 2.1 (-23.5 to -17.0)	-24.0 ± 2.5 (-27.7 to -20.8)	-22.2 ± 3.0 (-27.7 to -17.0)
α -Dicarbonyls			
Glyoxal, Gly	-16.7 ± 1.7 (-19.4 to -14.0)	-18.1 ± 1.8 (-21.3 to -15.2)	-17.4 ± 1.9 (-21.3 to -14.0)
Methyglyoxal, mGly	-17.9 ± 1.8 (-21.0 to -15.0)	-19.6 ± 2.0 (-22.5 to -16.5)	-18.8 ± 2.1 (-22.5 to -15.0)