

Components, abbreviation	Day (<i>n</i> = 32)				Night (<i>n</i> = 27)				Day–night ratio
	Min. ^a	Max. ^b	Mean	SD ^c	Min.	Max.	Mean	SD	Mean
(I) Dicarboxylic acids (ng m ⁻³)									
Oxalic, C ₂	122	1790	512	304	151	1280	534	272	1.0
Malonic, C ₃	23.7	195	86.2	33.8	17.9	141	77.4	32.6	1.1
Succinic, C ₄	25.8	485	126	81.1	62.3	227	121	53.7	1.0
Glutaric, C ₅	6.9	99.3	26.3	15.9	10.5	53.7	24.9	11.3	1.1
Adipic, C ₆	4.7	46.4	12.6	7.5	4.0	31.8	12.7	7.5	1.0
Pimelic, C ₇	0.7	22.6	4.2	4.3	BDL	19.1	4.4	4.1	0.9
Suberic, C ₈	BDL ^d	2.9	0.3	0.7	BDL	1.9	0.4	0.5	0.9
Azelaic, C ₉	3.4	95.1	16.2	20.6	2.3	68.1	19.4	17.6	0.8
Sebacic, C ₁₀	BDL	8.9	1.2	2.1	BDL	13.2	1.8	3.0	0.6
Undecanedioic, C ₁₁	BDL	6.0	1.7	1.9	BDL	7.6	1.7	2.0	1.0
Dodecanedioic, C ₁₂	BDL	1.3	0.2	0.3	BDL	1.8	0.3	0.5	0.7
Methylmalonic, <i>i</i> C ₄	BDL	7.9	3.4	1.6	0.7	7.6	3.3	1.5	1.0
Methylsuccinic, <i>i</i> C ₅	2.9	32.7	8.0	5.5	3.0	18.3	8.0	4.5	1.0
2-methylglutaric, <i>i</i> C ₆	BDL	6.8	1.8	1.2	BDL	4.2	1.6	1.1	1.1
Maleic, <i>M</i>	BDL	25.7	7.4	7.2	2.2	23.7	6.6	5.0	1.1
Fumaric, <i>F</i>	1.0	15.1	3.9	2.7	BDL	7.1	3.2	1.9	1.2
Methylmaleic, mM	1.3	13.1	3.5	2.5	1.1	6.4	2.9	1.4	1.2
Malic, <i>h</i> C ₄	0.2	5.2	1.2	1.0	0.3	3.3	1.4	0.8	0.9
Phthalic, Ph	19.3	99.4	36.8	16.1	16.3	53.9	29.3	10.2	1.3
Isophthalic, <i>i</i> Ph	BDL	13.8	1.8	2.6	BDL	9.1	1.6	2.2	1.1
Terephthalic, <i>t</i> Ph	0.9	130	13.6	24.9	0.6	155	12.9	32.2	1.1
Oxomalonic, <i>k</i> C ₃	3.7	31.5	12.6	7.0	2.1	29.5	11.3	6.8	1.1
4-oxopimelic, <i>k</i> C ₇	2.9	29.3	11.6	6.6	2.1	27.8	11.6	5.7	1.0
Subtotal	239	2950	893	479	358	1970	892	402	1.0
(II) Oxocarboxylic acids (ng m ⁻³)									
Pyruvic, Pyr	6.3	124	23.6	22.9	7.1	54.8	19.7	11.0	1.2
Glyoxylic, <i>ω</i> C ₂	8.8	241	54.7	45.2	11.9	166	55.9	41.4	1.0
3-oxopropanoic, <i>ω</i> C ₃	2.0	24.3	8.9	5.0	1.6	24.6	8.3	4.9	1.1
4-oxobutanoic, <i>ω</i> C ₄	5.5	52.4	16.0	10.1	5.5	54.2	15.3	10.6	1.0
5-oxopentanoic, <i>ω</i> C ₅	1.0	12.2	3.8	2.2	1.3	10.7	3.5	2.1	1.1
7-oxoheptanoic, <i>ω</i> C ₇	2.1	17.8	7.3	3.3	1.9	13.7	6.7	3.0	1.1
8-oxooctanoic, <i>ω</i> C ₈	1.1	29.9	9.4	5.7	0.9	18.3	8.8	4.4	1.1
9-oxononanoic, <i>ω</i> C ₉	BDL	10.8	3.9	3.0	BDL	13.2	3.6	3.7	1.1
Subtotal	26.9	496	128	88.9	49.0	344	122	73.6	1.0
(III) α -dicarbonyls (ng m ⁻³)									
Glyoxal, Gly	1.8	59.6	12.3	10.3	3.2	39.3	12.3	9.7	1.0
Methylglyoxal, MGly	BDL	45.2	12.1	11.2	BDL	59.9	13.6	13.1	0.9
Subtotal	5.1	105	24.4	20.5	8.0	94.9	25.9	21.6	0.9
Total (all detected organics)	271	3550	1050	580	429	2380	1040	490	1.0
(IV) Carbonaceous aerosols ($\mu\text{g m}^{-3}$)									
PM _{2.5}	37.0	193	98.2	29.2	55.7	143	98.6	25.3	1.0
OC	4.4	30.7	11.6	5.8	4.0	32.9	11.7	7.8	1.0
EC	0.5	3.3	1.3	0.7	0.4	4.7	1.5	0.9	0.9