

Studies	Rappenglück et al. (1998)		Rappenglück et al. (1999)	Moschonas and Glavas (1996)	Kaltsonoudis et al. (2016)		Baudic et al. (2016)	Salameh et al. (2015)	Durana et al. (2006)	Current work			
Analysis details	GC - FID Every 20 min		GC - FID Every 20 min	GC - MS 60 min (morning sampling, 12 canisters)	PTR-MS Every 10s/24h		GC - FID	GC - FID	GC - FID	GC- FID Every 30 min			
	20 August – 20 September 1994, Athens, Greece		30 May – 16 June 1996, Athens, Greece	June 1993, May and July 1994, Athens, Greece	3–26 July 2012 (Demokritos) & 9 January – 6 February 2013 (Thissio)		16 October – 22 November 2010 Paris, France	28 January – 12 February 2012 Beirut, Lebanon	April–October 1998–2001 February–July 2004 Bilbao, Spain ^b	16 October 2015–15 February 2016, Athens, Greece			
NMHCs	Patision (urban)	Demokritos (suburban)	Tatoi (suburban)	Ancient Agora (urban)	Demokritos (suburban)	Thissio (urban background)	Les Halles station (urban background)	Saint Joseph University (suburban)	Bilbao (urban center)	Thissio (urban background)			
										Mean	Median	Min	Max
	ppbv		ppbv		ppbv		ppb		ppb		ppb		
Ethane							3.8	2.8	2.5–3.5	4.5	3.1	0.6	25.9
Ethylene							1.3	2.1	2–2.3	4.1	2.2	0.3	22.9
Propane				1.2			1.6	3.0	1.7–2.5	3.1	1.8	0.2	17.8
Propene				3.9			0.4	0.6	0.7–0.9	1.5	0.6	0.02	15.7
<i>i</i> -Butane				1.1			0.9	1.9	0.7–2	2.3	1.1	0.1	14.9
<i>n</i> -Butane	12.4	1.6	0.19	2.1			1.5	3.6	1.8–2.6	2.6	1.3	0.1	15.2
	(with 1-butene)		(with 1-butene)										
Acetylene							0.5	2.2	1.5–2.7	4.2	2.4	0.1	28.5
<i>i</i> -Pentane	26.3	3.2	0.93	11.7			0.7	2.4	1–1.7	4.7	2.6	0.2	23.8
<i>n</i> -Pentane	14.2	1.7	0.27	4.2			0.3	0.5	0.4–0.7	1.1	0.6	0.1	9.3
	(with 2-methyl-1-butene)		(with 2-methyl-1-butene)										
Isoprene			3.18(with <i>trans</i> -2-pentene & <i>cis</i> -2-pentene)		0.7	1.1	0.1	0.1		0.2	0.1	0.01	1.4
Benzene	11.7	2.5	2.12	5.0	0.2	1.0	0.4	0.5	0.5–1	0.8	0.5	0.02	5.3
Toluene	21.2	6.7	1.15	14.3	0.8	2.3	0.8	2.2	2–2.6	2.2 ^d	1.0 ^d	0.1 ^d	13.7 ^d
Ethylbenzene	4.0	1.3	0.20	2.7				0.3	0.6–0.8	0.4 ^d	0.2 ^d	0.03 ^d	2.7 ^d
<i>m</i> -/ <i>p</i> - Xylenes	11.3 ^c	3.2 ^c	0.63 ^c	12.1				0.4	2.0–2.4	1.2 ^d	0.5 ^d	0.03 ^d	8.3 ^d
<i>o</i> - Xylene	5.5	1.5	0.3	3.7				0.3	0.4–0.5	0.4 ^d	0.2 ^d	0.03 ^d	3.1 ^d