

58-xylene (CAS# 1330-20-7)													

Table 1a. Sub-lethal acute poisoning (single dose): Clinical observations (time related)

Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
1	Riihimäki 1980	1	Ad,M	Z		(a)	0-0.5	(b)	9.9	93			MS, (c)	NT	NR
2	Recchia 1985	2	44M	U, A	NR	(d), ET	27		1	9.4			0h: C, SZ; l: DC, PM, L 28h: RM	0h: ST; 3h: AR 26h: HP	40/(504) (e)

Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]

- MW xylene = 106.2
- (a) healthy human volunteers, 18-35 years of age, inhaling peaks of 400 ppm m-xylene for 10 min at the end of two 3 h exposures, daily for 5 days.
- (b) after 400 ppm peak exposures the blood xylene concentration ranged from 29 µM to 93 µM.
- (c) balance disturbances only.
- (d) xylene-containing meal.
- (e) time to remission/(time at hospital)

Table 1b. Sub-lethal acute poisoning (single dose): Clinical observations (without time information)

Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to recovery): h
no cases															

Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]

- MW xylene = 106.2

Table 2a. Lethal acute poisoning (single dose): Clinical observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW xylene = 106.2															
Table 2b. Lethal acute poisoning (single dose): Clinical observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
no cases															
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW xylene = 106.2															

Table 3a. Post-mortem observations (time related)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	Al Ragheb 1986	1	27M	S, A	NR			T	110	1036			0h: DC, RA; OL: PE	0h: CR	E1
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW xylene = 106.2															
Table 3b. Post-mortem observations (without time information)															
Ref No.	Reference (linked to full source)	Case No.	Case age/sex	Case category	Dose: g	Notes (case, dose, time)	Time (exposure to sampling): h	Notes (blood sample)	Blood conc.: mg/l	Blood conc.: µM	Metabolite Blood conc.: mg/l	Metabolite Blood conc.: µM	Symptoms and signs	Treatment	Time (exposure to death): h
1	Bonnichsen 1966	1	55F	S, A	NR	(a)		T	40	377			fd		
		2	51M	S, A	NR	(b)			20	188			fd		
Footnotes [General Glossary (via link) lists definitions of common abbreviations (general terms, symptoms and signs, treatment)]															
MW xylene = 106.2															
(a) 600 mg of phenobarbital per l of stomach content, but only traces of phenobarbital in the liver. The cause of death could not be determined.															
(b) suicide by ingestion of gasoline.															