

EPA TO-13 SVOC MDL and RL Selected Air Volumes

The table shows the MDL and RL values for the sample in ug, and the RL values for selected air volumes in m3. The calculation for the air volumes is at the end of the table.

Analyte	MDL ug	RL ug	RL ug/m3	RL ug/m3
Air Volume m3			20	360
bis(2-chloroethyl)ether	0.5	2	0.07	0.006
1,3-dichlorobenzene	0.5	2	0.07	0.006
1,4-dichlorobenzene	0.5	2	0.07	0.006
1,2-dichlorobenzene	0.5	2	0.07	0.006
bis(2-chloroisopropyl)ether	0.5	2	0.07	0.006
Hexachloroethane	0.5	2	0.07	0.006
N-nitrosodi-n-propylamine	0.5	2	0.07	0.006
Nitrobenzene	0.5	2	0.07	0.006
Isophorone	0.5	2	0.07	0.006
bis(2-chloroethoxy)methane	0.5	2	0.07	0.006
1,2,4-trichlorobenzene	0.5	2	0.07	0.006
Naphthalene	0.5	2	0.07	0.006
Hexachlorobutadiene	0.5	2	0.07	0.006
hexachlorocyclopentadiene	0.5	2	0.07	0.006
2-chloronaphthalene	0.5	2	0.07	0.006
dimethyl phthalate	0.5	2	0.07	0.006
2,6-dinitrotoluene	0.5	2	0.07	0.006
Acenaphthene	0.5	2	0.07	0.006
2,4-dinitrotoluene	0.5	2	0.07	0.006
Fluorene	0.5	2	0.07	0.006
diethyl phthalate	0.5	2	0.07	0.006
4-chlorophenyl phenyl ether	0.5	2	0.07	0.006
Azobenzene	0.5	2	0.07	0.006
4-bromophenyl phenyl ether	0.5	2	0.07	0.006
Hexachlorobenzene	0.5	2	0.07	0.006
Phenanthrene	0.5	2	0.07	0.006
Anthracene	0.5	2	0.07	0.006
di-n-butyl phthalate	0.5	2	0.07	0.006
Fluoranthene	0.5	2	0.07	0.006
Pyrene	0.5	2	0.07	0.006
butyl benzyl phthalate	0.5	2	0.07	0.006

Analyte	MDL ug	RL ug	RL ug/m3	RL ug/m3
Air Volume m3			20	360
Chrysene	0.5	2	0.07	0.006
benz[a]anthracene	0.5	2	0.07	0.006
bis(2-ethylhexyl)phthalate	0.5	2	0.07	0.006
di-n-octyl phthalate	0.5	2	0.07	0.006
benzo(b)fluoranthene	0.5	2	0.07	0.006
benzo(k)fluoranthene	0.5	2	0.07	0.006
benzo(a)pyrene	0.5	2	0.07	0.006
indeno(1,2,3-cd)pyrene	0.5	2	0.07	0.006
dibenz(a,h)anthracene	0.5	2	0.07	0.006
benzo(g,h,i)perylene	0.5	2	0.07	0.006

Air Volumes

Flow	Time	Volume	Volume
L/min	Hours	L	m3
20	24	28800	28.8
250	24	360000	360