



## National Groundwater Monitoring NAQUA

Federal Office for the Environment FOEN

### Volatile halogenated hydrocarbons (VHH) in groundwater

Period of time 2007 - 2022  
Monitoring site Modules TREND and SPEZ  
Comments Maximum value per monitoring site

Substance	Monitoring sites [number]																
	Concentration >1 µg/l																
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2007-2022
<b>Volatile halogenated hydrocarbons (VHH)</b>																	
1,1,1-Trichlorethan	5	4	4	6	4	3	4	3	2	3	4	2	2	2	2	2	6
1,2,3-Trichlorbenzol	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1,2,4-Trichlorbenzol	1	-	-	1	-	-	1	1	1	1	1	1	1	1	1	-	1
1,2-Dichlorbenzol	1	-	-	1	1	-	1	1	1	1	1	1	1	1	1	-	1
1,3-Dichlorpropan	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Bromdichlormethan	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
cis-1,2-Dichlorethen	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Dichlordifluormethan	2	2	2	3	1	1	-	1	1	-	1	-	1	1	1	-	4
Dichlormethan	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Tetrachlorethen	20	17	19	19	20	16	14	17	16	13	12	13	13	12	12	12	33
Tribrommethan	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1
Trichlorethen	3	3	3	2	2	-	-	-	1	1	-	1	-	-	1	1	6
Trichlorfluormethan	1	1	1	1	1	-	1	1	1	-	1	1	-	1	-	-	2
Trichlormethan	-	1	2	1	1	-	1	-	1	-	-	1	-	-	-	-	5
<b>Monocyclic aromatic hydrocarbons (MAH)</b>																	
1,2,3-Trimethylbenzol	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
1,2,4-Trimethylbenzol	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
1,3,5-Trimethylbenzol	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Ethylbenzol	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2
m/p-Xylol	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	2
o-Xylol	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Styrol	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Toluol	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	3
<b>Other volatile organic compounds</b>																	
1,1,2,2-Tetramethoxyethan	/	/	/	/	/	/	1	/	/	1	/	/	/	/	/	/	1
1,4-Dioxan	/	/	/	/	2	1	-	2	1	-	-	-	-	-	-	-	5
ETBE	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	2
MTBE	1	2	3	1	-	1	-	-	-	-	-	-	-	-	1	-	8
TBA	-	-	-	-	-	1	1	-	-	-	-	-	1	-	-	-	3
<b>Concentration &gt;0,1 µg/l</b>																	
<b>Polycyclic aromatic hydrocarbons (PAH)</b>																	
Naphthalin	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

WPO numerical requirement: 1 µg/l (VHH, MAH); 0,1 (PAH)

/ no data