

**Concentrations of polycyclic aromatic hydrocarbons (PAHs) regulated in Ordinance on Surface Waters in 2016-2018 (LAWA\* monitoring sites)**

Substance		
Biota EQS; measurement in mussels (wet weight)		
	Biota EQS in µg/kg	concentration in µg/kg
Fluoranthene	30	< 0,3 – 33
Benzo[a]pyrene	5	< 0,1 – 5,2
Substance with only MAC-EQS of total concentration in the total water sample		
	MAC-EQS in µg/l	maximum in µg/l
Anthracene	0,1	< 0,0005 – 0,3
Benzo[b]fluoranthene	0,017	< 0,0005 – 0,35
Benzo[k]fluoranthene	0,017	< 0,0005 – 0,16
Benzo[ghi]perylene	0,0082	< 0,0005 – 0,19
AA-EQS of total concentration in the total water sample		
	AA-EQS in µg/l	annual averages in µg/l
Naphthalene	2	< 0,001 – 0,12
Phenanthrene	0,5	< 0,001 – 0,24

\* German Working Group on water issues of the Laender and the Federal Government (LAWA)

AA-EQS: annual average environmental quality standard

MAC-EQS: maximum allowable concentration

Source: German Environment Agency based on data supplied by LAWA, 2020