











Monitoring substances or effects?



Monitoring substances or effects?

Toxicity:

- Limited amount of assays can give a cost-effective and reliable risk assessment
- B Low substance specificity
- Bioavailability included
- Mixture toxicity included
- Metabolites included
- Unknown substances included
- Chronic exposure is difficult and expensive
- 8 No accepted classification available
- Biomagnification not included
- 🕒 No effects 🖙 no worries

Chemistry:

- Search for a needle in a haystack: obligatory analysis of more then 200 substances in drinking water
- 8 Many analyses are yet impossible (e.g. matrix effects)
- Not enough toxicity data available for risk assessment (ERA)
- 8 No information on bioavailability
- 8 No information on mixture toxicity
- B Low concentrations still worries
 Surrogate security and accuracy

water

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