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Impact of water chemistry on disinfection by-products formation in the complex surface water system

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Highlights

- High concentrations of DBPs were formed in the discharge Zone of Bohai Sea.
- DBPs formation was highly affected by the combine water composition.
- Br⁻ and Cl⁻ concentrations may highly affect the formation of Br-DBPs.
- Compared to the chloramination, much more DBPs were formed with chlorination disinfection.

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