Analysis of Per- and Polyfluoroalkyl Substances (PFASs) in Non-Drinking Water Matrices Using the LC-Triple Quadrapole Mass Spectrometer

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Introduction
were optimized for most of the analytes.

This poster summarizes this new fast and robust method using the Shimadzu LCMS-8050.

Experimental - Sample Analysis

Calibration Standards

Table 2: Standard Calibration Solutions Formed by Either Absolute Spiking or Solution Concentration in D2O or H2O.

Sample Preparation

Sample Volume

Table 3. Comparison of Concentrations of PFASs in Groundwater, Surface Water, and Wastewater Samples

Experimental - Instrument Operating Conditions

Table 4. Instrument Operating Conditions

Experimental - Instrument Operating Conditions

Table 5. Instrument Operating Conditions

Results and Discussion

Since the results demonstrated the ability to use a triple quadrupole mass spectrometer for the analysis of PFASs in non-potable water matrices.

Summary and Conclusions


References