

# Mid-Atlantic Laboratories Inc

## Fact Sheet



### PFAS EPA Method 533 and 537.1

PFAS Method 533 (Full PFAS/PFOS list) and 537.1 (18 analyte PFAS/PFOS list). Is a solid phase extraction (SPE) liquid chromatography-tandem mass spectrometry (LC-MS/MS) method for the determination of select per- and polyfluoroalkyl substances (PFAS) in drinking water. Method 533 is used along method 537.1, as part of the UCMR5 (Unregulated Contaminated Monitoring Rule.) Virginia is using EPA methods 533 and 537.1 for monitoring PFAS in drinking water as part of UCMR5 and state monitoring efforts. UCMR 5 includes all 29 PFAS that are within the scope of EPA Methods 533 and 537.1. The EPA has established a Maximum Contamination Level (MCL) for five individual PFAS in drinking water, PFOA, PFAS, PFNA, PFHxS, HFPO-DA (Gen-X Chemicals). As well as, as Hazardous Index MCL for mixtures of PFNA, PFHxS, HFPO-DX, and PFBS.

### PFAS Maximum Contamination Level

Analyte	MCL
Perfluorooctanoic acid (PFOA)	4 ppt
Perfluorooctane sulfonic acid (PFOS)	4 ppt
Perfluorononanoic acid (PFNA)	10 ppt
Perfluorohexane sulfonic acid (PFHxS)	10 ppt
Hexafluoropropyleneoxide dimer acid (HFPO-DA) (GenX)	10 ppt

