

APPENDIX B of PART II

Target Analytes of U.S. EPA Method 1633: Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS

Names, Abbreviations, and CAS Registry Numbers for Target PFAS:

| Target Analyte Name | Abbreviation | CAS Number |
|--|--------------|-------------|
| Perfluoroalkyl carboxylic acids | | |
| Perfluorobutanoic acid | PFBA | 375-22-4 |
| Perfluoropentanoic acid | PFPeA | 2706-90-3 |
| Perfluorohexanoic acid | PFHxA | 307-24-4 |
| Perfluoroheptanoic acid | PFHpA | 375-85-9 |
| Perfluorooctanoic acid | PFOA | 335-67-1 |
| Perfluorononanoic acid | PFNA | 375-95-1 |
| Perfluorodecanoic acid | PFDA | 335-76-2 |
| Perfluoroundecanoic acid | PFUnA | 2058-94-8 |
| Perfluorododecanoic acid | PFDoA | 307-55-1 |
| Perfluorotridecanoic acid | PFTTrDA | 72629-94-8 |
| Perfluorotetradecanoic acid | PFTeDA | 376-06-7 |
| Perfluoroalkyl sulfonic acids | | |
| Acid Form | | |
| Perfluorobutanesulfonic acid | PFBS | 375-73-5 |
| Perfluoropentanesulfonic acid | PFPeS | 2706-91-4 |
| Perfluorohexanesulfonic acid | PFHxS | 355-46-4 |
| Perfluoroheptanesulfonic acid | PFHpS | 375-92-8 |
| Perfluorooctanesulfonic acid | PFOS | 1763-23-1 |
| Perfluorononanesulfonic acid | PFNS | 68259-12-1 |
| Perfluorodecanesulfonic acid | PFDS | 335-77-3 |
| Perfluorododecanesulfonic acid | PFDoS | 79780-39-5 |
| Fluorotelomer sulfonic acids | | |
| 1H,1H, 2H, 2H-Perfluorohexane sulfonic acid | 4:2FTS | 757124-72-4 |
| 1H,1H, 2H, 2H-Perfluorooctane sulfonic acid | 6:2FTS | 27619-97-2 |
| 1H,1H, 2H, 2H-Perfluorodecane sulfonic acid | 8:2FTS | 39108-34-4 |
| Perfluorooctane sulfonamides | | |
| Perfluorooctanesulfonamide | PFOSA | 754-91-6 |
| N-methylperfluorooctanesulfonamide | NMeFOSA | 31506-32-8 |
| N-ethylperfluorooctanesulfonamide | NEtFOSA | 4151-50-2 |
| Perfluorooctane sulfonamidoacetic acids | | |
| N-methylperfluorooctanesulfonamidoacetic acid | NMeFOSAA | 2355-31-9 |
| N-ethylperfluorooctanesulfonamidoacetic acid | NEtFOSAA | 2991-50-6 |
| Perfluorooctane sulfonamide ethanols | | |
| N-methylperfluorooctanesulfonamidoethanol | NMeFOSE | 24448-09-7 |
| N-ethylperfluorooctanesulfonamidoethanol | NEtFOSE | 1691-99-2 |
| Per- and Polyfluoroether carboxylic acids | | |
| Hexafluoropropylene oxide dimer acid | HFPO-DA | 13252-13-6 |
| 4,8-Dioxo-3H-perfluorononanoic acid | ADONA | 919005-14-4 |
| Perfluoro-3-methoxypropanoic acid | PFMPA | 377-73-1 |
| Perfluoro-4-methoxybutanoic acid | PFMBA | 863090-89-5 |

| | | |
|---|--------------|-------------|
| Nonafluoro-3,6-dioxaheptanoic acid | NFDHA | 151772-58-6 |
| Ether sulfonic acids | | |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid | 9Cl-PF3ONS | 756426-58-1 |
| 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid | 11Cl-PF3OUdS | 763051-92-9 |
| Perfluoro(2-ethoxyethane)sulfonic acid | PFEESA | 113507-82-7 |
| Fluorotelomer carboxylic acids | | |
| 3-Perfluoropropyl propanoic acid | 3:3FTCA | 356-02-5 |
| 2H,2H,3H,3H-Perfluorooctanoic acid | 5:3FTCA | 914637-49-3 |
| 3-Perfluoroheptyl propanoic acid | 7:3FTCA | 812-70-4 |

¹ The target analyte names are for the acid and neutral forms of the analytes. See Table 8 of U.S. EPA draft method 1633 for the names and CASRN of the corresponding anion forms, where applicable.