**Table S1: Analyte overview: NYS Healthy Fishing Communities Program**

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| --- | --- | --- | --- |
| **Analyte** | **Limit of detection (LOD)** | **Percent**  **below LOD (Licensed angler participants)** | **Percent**  **below LOD (Burmese participants)** |
| **Metals** |  |  |  |
| Blood Cadmium | 0.042 µg/L | 0 | 0 |
| Blood Lead | 0.07 µg/dL | 0 | 0 |
| Blood Mercury (total) | 0.033 µg/L | 0 | 0 |
| Urine Mercury (total) | 0.09 µg/L | 30.5 | 11.1 |
| **Serum Per- and Polyfluoroalkyl Substances (PFAS)** |  |  |  |
| Perfluorooctanoic acid (PFOA) | 0.1 ng/mL | 0.3 | 0 |
| Perfluorooctanesulfonic acid (PFOS) | 0.2 ng/mL | 0 | 0 |
| **Serum Polybrominated Diphenyl Ethers (PBDEs)** |  |  |  |
| PBDE 28 | 0.005 ng/mL | 32.8 | 29.8 |
| PBDE 47 | 0.005 ng/mL | 13.3 | 2.5 |
| PBDE 99 | 0.005 ng/mL | 38.4 | 35.9 |
| PBDE 100 | 0.005 ng/mL | 21.6 | 10.1 |
| PBDE 153 | 0.005 ng/mL | 8.8 | 22.2 |
| **Serum Polychlorinated Biphenyls (PCBs)** |  |  |  |
| PCB 138/164/163 | 0.001 ng/mL | 16 | 10.6 |
| PCB 153 | 0.001 ng/mL | 13.5 | 15.7 |
| PCB 180 | 0.001 ng/mL | 11.5 | 16.2 |
| **Serum Pesticides** |  |  |  |
| *trans*-Chlordane | 0.001 ng/mL | 27.1 | 11.6 |
| Oxychlordane | 0.005 ng/mL | 84.7 | 91.4 |
| *trans*-Nonachlor | 0.001 ng/mL | 11.5 | 3 |
| *p,p’*-Dichlorodiphenyltrichloroethane (DDT) | 0.005 ng/mL | 94.7 | 67.7 |
| *p,p’*-Dichlorodiphenyldichloroethylene (DDE) | 0.005 ng/mL | 8 | 2 |
| Hexachlorobenzene (HCB) | 0.005 ng/mL | 16.8 | 9.6 |
| Mirex | 0.005 ng/mL | 90.7 | 89.4 |
| Toxaphene | 1 ng/mL | 100 | 100 |