**Limits of Detection (LODs):**

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| --- | --- | --- | --- |
|  |  | **Serum** | **Lipid-adjusted** |
| **Abbreviation** | **Analyte name** | **LOD (pg/mL serum)** | **LOD (ng/g lipid)** |
| **Brominated (Bi-) Diphenyl Ethers** |  |  |
| PBDE17 | 2,2',4- tribromodiphenyl ether | 2.5-2.7 | 0.3-0.8 |
| PBDE28 | 2,4,4'-tribromodiphenyl ether | 2.5-2.7 | 0.3-0.8 |
| PBDE47 | 2,2',4,4'-tetrabromodiphenyl ether  | 19.0-20.8 | 2.0-6.1 |
| PBDE66 | 2,3',4',4-tetrabromodiphenyl ether | 2.5-2.7 | 0.3-0.8 |
| PBDE85 | 2.2',3,4,4'-pentabromodiphenyl ether | 2.5-2.7 | 0.3-0.8 |
| PBDE99 | 2,2',4.4',5-pentabromodiphenyl ether  | 16.2-17.8 | 1.7-5.2 |
| PBDE100 | 2,2',4,4',6-pentabromodiphenyl ether | 2.5-2.7 | 0.3-0.8 |
| BB153 | 2,2',4,4',5,5'-hexabromobipheny ether | 2.5-2.7 | 0.3-0.8 |
| PBDE153 | 2,2',4,4',5,5'-hexabromodiphenyl ether  | 4.3-4.7 | 0.5-1.4 |
| PBDE154 | 2,2',4,4',5,6'-hexabromodiphenyl ether | 2.5-2.7 | 0.3-0.8 |
| PBDE183 | 2,2',3,4,4',5',6-heptabromodiphenyl ether | 2.5-2.7 | 0.3-0.8 |
| **Polychlorinated Biphenyls** |  |  |
| PCB18 | 2,2',5-triCB | --- | --- |
| PCB28  | 2,4,4'-triCB | 46-50 | 4.8-14.5 |
| PCB44 | 2,2',3,5'-tetraCB | 8.6-9.5 | 0.9-2.7 |
| PCB49 | 2,2',4,5'-tetraCB | 6.6-7.3 | 0.7-2.1 |
| PCB52 | 2,2',5,5'-tetraCB | 13.8-15.1 | 1.4-4.4 |
| PCB66 | 2,3',4,4'-tetraCB | 18.5-20.3 | 1.9-5.9 |
| PCB74 | 2,4,4',5-tetraCB | 13.4-14.7 | 1.4-4.3 |
| PCB87 | 2,2',3,4,5'-pentaCB | 3.4-3.8 | 0.4-1.1 |
| PCB99 | 2,2',4,4',5-pentaCB  | 2.5-2.7 | 0.3-0.8 |
| PCB101 | 2,2',4,5,5'-pentaCB | 3.8-4.1 | 0.4-1.2 |
| PCB105 | 2,3,3',4,4'-pentaCB  | 2.5-2.7 | 0.3-0.8 |
| PCB110 | 2,3,3',4',6-pentaCB | 3.3-3.6 | 0.3-1.1 |
| PCB118 | 2,3',4,4',5-pentaCB  | 4.5-4.9 | 0.5-1.4 |
| PCB128 | 2,2',3,3',4,4'-hexaCB | 2.5-2.7 | 0.3-0.8 |
| PCB146 | 2,2',3,4',5,5'-hexaCB  | 2.5-2.7 | 0.3-0.8 |
| PCB149 | 2,2',3,4',5',6-hexaCB | 2.5-2.7 | 0.3-0.8 |
| PCB151 | 2,2',3,5,5',6-hexaCB | 2.5-2.7 | 0.3-0.8 |
| PCB153 | 2,2',4,4',5,5'-hexaCB  | 2.5-2.7 | 0.3-0.8 |
| PCB156 | 2,3,3',4,4',5-hexaCB  | 2.5-2.7 | 0.3-0.8 |
| PCB157 | 2,3,3',4,4',5'-hexaCB | 2.5-2.7 | 0.3-0.8 |
| PCB138-158 | 2,2',3,4,4',5'-hexaCB | 2.5-2.7 | 0.3-0.8 |
| PCB167 | 2,3',4,4',5,5'-hexaCB | 2.5-2.7 | 0.3-0.8 |
| PCB170 | 2,2',3,3',4,4',5-heptaCB  | 2.5-2.7 | 0.3-0.8 |
| PCB172 | 2,2',3,3',4,5,5'-heptaCB | 2.5-2.7 | 0.3-0.8 |
| PCB177 | 2,2',3,3',4',5,6-heptaCB | 2.5-2.7 | 0.3-0.8 |
| PCB178 | 2,2',3,3',5,5',6-heptaCB | 2.5-2.7 | 0.3-0.8 |
| PCB180 | 2,2',3,4,4',5,5'-heptaCB  | 2.5-2.7 | 0.3-0.8 |
| PCB183 | 2,2',3,4,4',5',6-heptaCB  | 2.5-2.7 | 0.3-0.8 |
| PCB187 | 2,2',3,4',5,5',6-heptaCB  | 2.5-2.7 | 0.3-0.8 |
| PCB189 | 2,3,3’,4,4’,5,5’-heptaCB | 2.5-2.7 | 0.3-0.8 |
| PCB194 | 2,2',3,3',4,4',5,5'-octaCB  | 2.5-2.7 | 0.3-0.8 |
| PCB195 | 2,2',3,3',4,4',5,6-octaCB | 2.5-2.7 | 0.3-0.8 |
| PCB196-203 | 2,2',3,3',4,4',5',6-octaCB and 2,2',3,4,4',5,5',6-octaCB | 2.5-2.7 | 0.3-0.8 |
| PCB199 | 2,2',3,3',4,5,6,6'-octaCB  | 2.5-2.7 | 0.3-0.8 |
| PCB206 | 2,2',3.3',4,4',5,5',6-nonaCB | 2.5-2.7 | 0.3-0.8 |
| PCB209 | decaCB | 2.5-2.7 | 0.3-0.8 |
| **Persistent pesticides** |  |  |  |
| HCB | Hexachlorobenzene  | 13.1-14.3 | 1.4-4.2 |
| B-HCCH | β-Hexachlorocyclohexane | 8.4-9.2 | 1.3-3.9 |
| G-HCCH | γ-Hexachlorocyclohexane (Lindane) | 12.3-13.5 | 1.3-3.9 |
| Oxychlor | Oxychlordane | 12.3-13.5 | 1.3-3.9 |
| T-Nona | Trans-Nonachlor | 12.3-13.5 | 1.3-3.9 |
| PP\_DDE | 2,2-Bis(4-chloropheny1)-I, I -dichloroethene | 4.9-5.4 | 1.0-2.0 |
| PP\_DDT | 2,2-Bis(4-chlorophenyl-I , I, I-trichloroethan  | 12.3-13.5 | 1.3-3.9 |
| OP-DDT | 2-(4-chlorophenyl)-2-(2-chlorophenyl)- 1, 1, 1-trichloroethan | 12.3-13.5 | 1.3-3.9 |
| MIREX | Mirex | 12.3-13.5 | 1.3-3.9 |
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|  |  |  |  |
| Perfluorinated compounds (in μg/L) |  |  |
| PFOA | perfluorooctanoate acid | 0.1 |  |
| PFOS | perfluorooctane sulfonate | 0.2 |  |
| Et-PFOSA-AcOH           | 2-(N-ethyl-perfluorooctane sulfonamido) acetate | 0.2 |  |
| Me-PFOSA-AcOH           | 2-(N-methyl-perfluorooctane sulfonamido) acetate | 0.2 |  |
| PFDeA            | Perfluorodecanoate | 0.2 |  |
| PFHxS | perfluorooctane sulfonamide | 0.1 |  |
| PFNA | Perfluorononanoate | 0.1 |  |
| PFOSA | perfluorooctane sulfonamide | 0.1 |  |
|  |  | **Urinary** |  |
| **Abbreviation** | **Analyte name** | **LOD (μg/L)** |  |
| **Phthalate metabolites** |  |  |  |
| mBzP | Monobenzyl phthalate | 0.3 |
| mBP | Mono-n-butyl phthalate | 0.6 |
| mEHP | Mono-2-ethylhexyl phthalate | 1.2 |
| mEP | Monoethyl phthalate | 0.8 |
| mECPP | Mono-2-ethyl-5-carboxypentyl phthalate | 0.6 |
| mEHHP | Mono-2-ethyl-5-hydroxyhexyl phthalate | 0.7 |
| mEOHP | Mono-2-ethyl-5-oxohexyl phthalate | 0.7 |
| mCPP | Mono-3-carboxypropyl phthalate | 0.2 |
| miBP | Mono-isobutyl phthalate | 0.3 |
| mCOP | Monocarboxyoctyl phthalate | 0.7 |
| mCNP | Monocarboxynonyl phthalate | 0.6 |
| **Phenols** |  |  |  |
| BPA | Bisphenol A | 0.4 |
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| \* Results presented as a range where LODs are determined by blanks and sample size |  |