Table 4

| SW-846 Hazardous Waste Method (1) (2) | EPA Water Method (1) (2) | ASTM Method (1) (2) | Parameter Type | Minimum Sample Size, ml (3) | Number of Containers | Container Type | Maximum Holding Time, days | Preservation Method | Fill Sample Bottle to: |
|---|---|---|---|---|---|---|---|---|---|
| | 310.1 | | Alkalinity, bicarbonate | 100 | 1 | Plastic or Glass | 14 | Cool to 4 C | Shoulder |
| | 350.2 | | Ammonia | 200 | 1 | Plastic or Glass | 28 | Cool to 4C add H2SO4 to pH < 2 | Shoulder |
| | | D-596-83 | Cations | Analysis uses Method 6010 Metals Sample | | | | | Shoulder |
| 9010B fb 9014 | 335.2 | | Cyanide | 250 | 1 | Plastic or Glass | 14 | Cool to 4 C, add NaOH to pH >12 | Shoulder |
| 8280 | | | Dioxins | 1000 | 1 | Amber Glass | 7/40 | Cool to 4C | Shoulder |
| | 130.2 | | Hardness | 100 | 1 | Plastic or Glass | 181 | HNO3 or H2SO4 to pH < 2 | Shoulder |
| 8151A | | | Herbicides | 1000 | 1 | Amber Glass | 7/40 | Cool to 4 C | Shoulder |
| | 300.0 | | Inorganics | 25 | 1 | Plastic or Glass | 28 | Cool to 4 C | Shoulder |
| | 300.0 | | Inorganics - Nitrate-IC | 25 | 1 | Plastic or Glass | 2 | Cool to 4 C | Shoulder |
| | 300.0 | | Inorganics - Nitrite | 25 | 1 | Plastic or Glass | 2 | Cool to 4 C | Shoulder |
| | 300.0 | | Inorganics - Ortho Phosphate, IC | 25 | 1 | Plastic or Glass | 2 | Cool to 4 C | Shoulder |
| 7470A | 245.1 | | Metals - Mercury | 500 | 1 | Plastic or Glass | 28 | HNO3 to pH < 2 | Shoulder |
| 6010B | 200.7 | | Metals | 500 | 1 | Plastic or Glass | 180 | HNO3 to pH < 2 | Shoulder |
| 7060A | 206.2 | | Metals - Arsenic | 500 | 1 | Plastic or Glass | 28 | HNO3 to pH < 2 | Shoulder |
| 7131 | 213.2 | | Metals - Cadmium | 500 | 1 | Plastic or Glass | 180 | HNO3 to pH < 2 | Shoulder |
| 7421 | 239.2 | | Metals - Lead | 500 | 1 | Plastic or Glass | 180 | HNO3 to pH < 2 | Shoulder |
| 7740 | 270.2 | | Metals - Selinium | 500 | 1 | Plastic or Glass | 180 | HNO3 to pH < 2 | Shoulder |
| 8141A | | | Organophospate Pesticides | 1000 | 1 | Glass | 7/40 | Cool to 4C | Shoulder |
| 8082 | | | PCBs | 1000 | 1 | Glass | 7/40 | Cool to 4C | Shoulder |
| 8081 | | | Organochlorine Pesticides | 1000 | 1 | Amber Glass | 7/40 | Cool to 4C | Shoulder |
| | 150.1 | | pH | 25 | 1 | Plastic or Glass | 2 | Cool to 4C or run immediately | Shoulder |
| 9065 | 420.1 | | Phenols | 1000 | 1 | Glass | 28 | Cool to 4C add H2SO4 to pH < 4 | Shoulder |
| 8270C | | | Semi-Volatile Organic Compounds | 1000 | 1 | Amber Glass | 7/40 | Cool to 4C | Shoulder |
| 9050 | 120.1 | | Specific Conductance | 100 | 1 | Plastic or Glass | 28 | Cool to 4C | Shoulder |
| | 376.1 | | Sulfide | 500 | 1 | Plastic or Glass | 7 | Cool to 4 C, add Zinc Acetate \| NaOH to pH > 9 | Shoulder |
| | 160.1 | | TDS | 100 | 1 | Plastic or Glass | 7 | Cool to 4 C | Shoulder |
| 9060 | 415.1 | | TOC | 25 | 1 | Glass | 28 | Cool to 4C add H2SO4 or HCL to pH < 2 | Zero Headspace (ZHS) |
| 9020B | 450.1 | | TOX | 500 | 1 | Amber Glass | 28 | Cool to 4C add H2SO4 or HN03 to pH < 2 | ZHS |
| | 160.2 | | TSS | 200 | 1 | | | Cool to 4 C | Shoulder |
| 8260B | | | Volatile Organic Compounds | 40 | 3 | Glass septa vial | 14 | Cool to 4C add H2SO4 or HCL OR NaHS04 to pH < 2 | ZHS |
| | 351.3 | | Nitrogen - Total Kjeldahl | 300 | 1 | Plastic or Glass | 28 | Cool to 4C add H2SO4 to pH < 2 | Shoulder |
| 9070 | 413.1 | | Oil/Grease | 1000 | 1 | Glass | 28 | Cool to 4C add H2SO4 or HCL to pH < 2 | Shoulder |
| | 365.2 | | Phosphorus, Total | 125 | 1 | Plastic or Glass | 28 | Cool to 4C add H2SO4 to pH < 2 | Shoulder |

(1) Up to and including latest published revision may be used.

(2) Any analysis needing to be done may be done using any applicable and current SW-846, EPA or ASTM method in this order of preference.

(3) Parameters with the same preservatives may be combined, (i.e. Metals), resulting in a final volume of less than the sum individually. (Minimum Sample Size, ml)