

**Sample Containers, Preservatives and Maximum Holding Times**

Method	Sample Type	Maximum Holding Times	Container Type	Preservation
<b>EPA Method 8280</b>	Aqueous Solid	Extraction: 30 days <sup>(1)</sup> Analysis: 45 days <sup>(2)</sup>	Amber Glass Glass Container	4 °C 4 °C
<b>EPA Method 8290</b>	Aqueous Solid Fish/Tissue	Extraction: 30 days <sup>(1)</sup> Analysis: 45 days <sup>(2)</sup>	Amber Glass Glass Container  Glass Container	4 °C dark 4 °C -20 °C
<b>EPA Method 1668</b>	Aqueous Solid Fish/Tissue	Extraction: 1 year <sup>(1)</sup> Analysis: 1 year <sup>(2)</sup>	AGB AGJ AGJ	0 – 4 °C <sup>(3,6)</sup> dark < 4 °C dark <sup>(7)</sup> < -10 °C dark <sup>(8)</sup> < 4 °C dark <sup>(7)</sup> < -10 °C dark <sup>(8)</sup>
<b>EPA Methods 1613A &amp; 1613B</b>	Aqueous Solid Fish/Tissue	Extraction: 1 year <sup>(1)</sup> Analysis: 1 year <sup>(2)</sup>	AGB AGB AGJ	0 – 4 °C <sup>(3)</sup> dark < 4 °C dark <sup>(7)</sup> < -10 °C dark <sup>(8)</sup> < 4 °C dark <sup>(7)</sup> < -10 °C dark <sup>(8)</sup>
<b>EPA Method 613</b>	Aqueous	Extraction: 7 days <sup>(1)</sup> Analysis: 40 days <sup>(2)</sup>	AGB	4 °C <sup>(3)</sup> dark
<b>EPA Method 513</b>	Aqueous	Extraction: 90 days <sup>(1)</sup> Analysis: 40 days <sup>(2)</sup>	AGB	Ambient dark
<b>EPA Method 23</b>	MM5 Train	Extraction: 30 days <sup>(1)</sup> Analysis: 45 days <sup>(2)</sup> Trap Prep: 30 days	Train and/or AGB	Adsorbents on ice <sup>(7)</sup>
<b>EPA Method T0-9A <sup>(4)</sup></b>	PUF	Extraction: 7 days <sup>(1)</sup> Analysis: 40 days <sup>(2)</sup> PUF Prep: 30 days		< 4 °C

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<b>CARB Method 428</b> (4)	MM5 Train	Extraction: 30 days <sup>(1)</sup> Analysis: 45 days <sup>(2)</sup> Trap Prep: 30 days	Train and/or AGB	0 – 4 °C dark <sup>(5)</sup>
<b>CARB Method 429</b>	MM5 Train	Extraction: 21 days <sup>(1)</sup> Analysis: 40 days <sup>(2)</sup> Resin QC Date: 21 days	Train and/or AGB	4 °C dark
<b>NCASI 551</b> <sup>(4)</sup>	All Samples			4 °C
<b>EPA Method 1614 (Draft)</b>	Aqueous <sup>(3)</sup> Solid Fish/Tissue	Extraction: 1 year <sup>(1)</sup> Analysis: 1 year <sup>(2)</sup>	AGB AGJ AGJ	0 – 4 °C <sup>(3)</sup> dark < 6 °C dark < -10 °C dark < 6 °C dark < -10 °C dark
<b>PCN</b>	Aqueous Solid Fish/Tissue	Extraction: 1 year <sup>(1)</sup> Analysis: 1 year <sup>(2)</sup>	AGB AGJ AGJ	0 – 4 °C <sup>(3)</sup> dark < -10 °C dark < -10 °C dark < -10 °C dark
<b>EPA Method 1625</b>	All samples	Extraction: 7 days <sup>(1)</sup> Analysis: 40 days <sup>(2)</sup>	Amber Glass Containers	0 – 4 °C <sup>(3)</sup> dark

- (1) From collection  
 (2) From extraction  
 (3) If residual chlorine is present sodium thiosulfate is added as per the method  
 (4) Holding times set by Vista Analytical Laboratory  
 (5) Recommended by Vista Analytical Laboratory  
 (6) Adjust sample to pH 2-3 with sulfuric acid  
 (7) From collection until laboratory receipt  
 (8) Storage at laboratory