Sample Containers, Preservatives and Maximum Holding Times

Method	Sample Type	Maximum Holding Times	Container Type	Preservation
EPA Method 8280	Aqueous	Extraction: 30 days [1] Analysis: 45 days [2]	Glass Container	< 6 °C
	Solid	Extraction: 30 days [1] Analysis: 45 days [2]	Glass Container	≤ 6 °C
EPA Method 8290	Aqueous	Extraction: 30 days [1] Analysis: 45 days [2]	Amber Glass	< 6 °C dark
	Solid	Extraction: 30 days [1] Analysis: 45 days [2]	Glass Container	< 6 °C dark
	Fish/Tissue	Extraction: 30 days [1] Analysis: 45 days [1]	Glass Container	< -10 °C dark
EPA Method 1613B	Aqueous	Extraction: 1 year [1] Analysis: 1 year [2]	AGB	0 – 6 °C [3] dark
	Solid Fish/Tissue	Extraction: 1 year [1] Analysis: 1 year [2]	AGJ	< 6 °C dark [6] < -10 °C dark [7]
EPA Method 1614	Aqueous [3]	Extraction: 1 year [1] Analysis: 1 year [2]	AGB	0 – 6 °C [3] dark
	Solid Fish/Tissue	Extraction: 1 year [1] Analysis: 1 year [2]	AGJ	< 6 °C dark < -10 °C dark [7]
Modified EPA Method 1625	All samples	Extraction: 7 days [1] Analysis: 40 days [2]	Amber Glass Containers	0 – 6 °C [3] dark
EPA Method 1668A/C	Aqueous	Extraction: 1 year [1] Analysis: 1 year [2]	AGB	0 – 6 °C [3] dark
	Solid Fish/Tissue	Extraction: 1 year [1] Analysis: 1 year [2]	AGJ	< 6 °C dark [6] < -10 °C dark [7]
EPA Method 1694	Aqueous	Extraction: 7 days [1] Analysis: 40 days [2]	Amber Glass Containers	< 6 °C dark
EPA Method 1694	Solid	Extraction: 7 days [1] Analysis: 40 days [2]	Amber Glass Containers	< 6 °C dark < -10 °C dark [7]
EPA Method 1699	Aqueous [3]	Extraction: 7 days [1] Analysis: 40 days [2]	AGB	< 6 °C dark
	Solid Fish/Tissue	Extract/Analyze: 1 year	AGJ	< 6 °C dark < -10 °C dark [7]

Sample Containers, Preservatives and Maximum Holding Times

Method	Sample Type	Maximum Holding Times	Container Type	Preservation
Modified EPA Method 537	Aqueous Solid	Extraction: 14 days [1] Analysis: 28 days [2]	Polypropylene or HDPE	≤ 10 °C Receipt [8] < 6 °C dark [8]
EPA Method 537	Aqueous	Extraction: 14 days [1] Analysis: 28 days [2]	Polypropylene or HDPE	≤ 10 °C Receipt [8] < 6 °C dark [8]
EPA Method 613	Aqueous	Extraction: 7 days [1] Analysis: 40 days [2]	AGB	6 °C [3] dark
EPA Method 23	MM5 Train	Extraction: 30 days [1] Analysis: 45 days [2] Trap Prep: 30 days	Train and/or AGB	Adsorbents on ice [6]
EPA Method T0-9A [4]	PUF	Extraction: 7 days [1] Analysis: 40 days [2] PUF Prep: 30 days	PUF	< 6 °C
CARB Method 428 [4]	MM5 Train	Extraction: 30 days [1] Analysis: 45 days [2] Trap Prep: 30 days	Train and/or AGB	0 – 6 °C dark [5]
CARB Method 429	MM5 Train	Extraction: 21 days [1] Analysis: 40 days [2] Resin QC Date: 21 days	Train and/or AGB	< 6 °C dark
NCASI 551 [4]	All Samples	NA	NA	< 6 °C
PCN	Aqueous	Extraction: 1 year [1] Analysis: 1 year [2]	AGB	0 – 6 °C [3] dark < -10 °C dark [7]
	Solid Fish/Tissue	Extraction: 1 year [1] Analysis: 1 year [2]	AGJ	< -10 °C dark [7]

(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) From collection until laboratory receipt
(7) Solid matrices not extracted within 21 days will be stored <-10 °C
(8) Preserved in the field with Trizma