Sample Container Worksheet

Method	Analyte	Container (Comments)	Hold Time (days)*	Temp (°C)
EPA Method 5, 5B, 5F	Particulate Matter	Borosilicate glass, Teflon lid or polyethylene bottle	28	Ambient
EPA Method 5A, 5E	Particulate Matter	Borosilicate glass, Teflon lid	28	Ambient
EPA Method 6	Sulfur Dioxide (SO2)	Polyethylene	28	Ambient
EPA Method 8	Sulfuric acid & SO2	Polyethylene	28	Ambient
EPA Method 13A, 13B	Fluoride	HDPE	14	Ambient
EPA Method 14	Fluoride	HDPE	14	Ambient
EPA Method 18 - Bags	Gaseous organics	Recommend flexible bag in rigid, opaque container	2	Ambient
EPA Method 18 - Tubes	Gaseous organics	Recommend polyethylene	14	On ice
EPA Method 18 - VOAs	Gaseous organics	Recommend VOAs, zero headspace	14	On ice
EPA Method 24	H2O, Density	Metal can with cap (glass, screw top not recommended)	28	Ambient
EPA Method 25D	VOCs	Borosilicate glass, Teflon lid	60	On ice
EPA Method 26/26A	Halogens	HDPE, Teflon lid	28	Ambient
EPA Method 106	Vinyl chloride	Tedlar bag in rigid, opaque container	3	Ambient
EPA Method 106	Vinyl chloride	Aluminized Mylar bag in rigid, opaque container	1	Ambient
EPA Method 201	Particulate Matter	Polyethylene	28	Ambient
EPA Method 202	Particulate Matter	Impinger - glass or plastic; filter - borosilicate glass	28	Ambient
EPA Method 204F	VOCs	Metal can, leak tight	28	Ambient
EPA Method 207	Isocyanates	Amber borosilicate glass, Teflon lid	30	4° C
EPA Method 305	VOCs	Borosilicate glass, Teflon lid	60	4° C
EPA Method 308	Methanol	Glass, Teflon lid	14	On ice
EPA Method 311	HAPs	Glass or plastic with impermeable walls or metal can	28	5-38° C
EPA Method 315	MCEM	Borosilicate glass, Teflon lid or polyethylene bottle	28	Ambient
EPA Method 316	Formaldehyde	Polyethylene	14	Sample containers not contacting ice
EPA Method 323	Formaldehyde	Amber glass VOA, Teflon cap	14	On ice
CTM008	Acrylonitrile	Impinger - glass, Teflon lid	14	On ice
CTM027	Ammonia	HDPE	14	4°C
CTM031	MDI	Amber borosilicate glass, Teflon lid	14	Ambient
CTM032	Phenol & Cresol	Amber borosilicate glass, Teflon lid	14	On ice
CTM033	Hydrogen Cyanide	Polyethylene, Teflon lid	30	On ice
CTM036	Toluene Diisocyanate	Amber borosilicate glass, Teflon lid	14	Ambient
CTM037	Formaldehyde	Amber VOA with Teflon lid	14	On ice
NCASI 94.02	Wood product HAPs	Glass or polyethylene VOAs	21	4°C
NCASI 94.03	Methanol	VOA vial	30	4°C
NCASI 98.01	Wood product HAPs	Glass or polyethylene VOAs	28	4°C
NCASI 99.02 - Gas	Wood product HAPs	Summa or Silco Canister	21	Ambient
NCASI 99.02 - Liquid	Wood product HAPs	Glass VOA vial or polyethylene bottles	14	4°C
SW-846/0010	SVOCs	Borosilicate amber glass, Teflon screw cap	14/40**	4°C
SW-846/8270c	SVOCs	Glass, PTFE lined cap	14/40**	4°C
SW-846/0011	Carbonyls	Amber flint glass, Teflon lined cap (sealed with Teflon tape)	7/30**	Sample containers not contacting ice
SW-846/8315a	Carbonyls	Vial, PTFE lined cap	30	4°C
SW-846/0040 - Gas	VOCs	Tedlar bag in rigid, opaque container	3	Ambient
SW-846/0040 - Liquid	VOCs	Amber glass VOA, zero headspace	14	On ice
TO-5	Carbonyls	Vial, Teflon lined screw cap	7/30**	Ambient
TO-8	Phenol & Cresols	Vial, Teflon lined cap	2	Refrigerated
TO-11A	Carbonyls	Polyproplene	14	4°C
TO-14A/15	VOCs	Stainless steel canister	30	Ambient
ASTM1946	Fixed Gases	Stainless steel canister	30	Ambient
Carb 430	Formaldehyde	Amber glass, Teflon screw cap	7/30**	Ambient
Gerorgia Method 5, 5T	Particulate Matter	Borosilicate glass, Teflon screw cap liner	28	Ambient
New Jersey Method 1	Particulate Matter	Amber glass, Teflon lined cap	28	Ambient
EPA Method 624	Purgeables	Glass, Teflon lid (hold time: 3 days if untreated)	14	On ice

* Highlighted values are our suggestions where Method is not specific for parameter.

** "14/40" = "extract in 14 days, analyze in 40 days"

Enthalpy's summary information is for planning purposes only. We make no guarantees regarding the accuracy of this information. Study the complete method, and always keep a copy on hand during your test or analysis.

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