

## **Certified Reference Material - Volatiles on Sorbent**

Art. ID	ERA-1101
Unit	each
Deliverydetails	No Dangerous Good UN1230 (6.1) II E2

### Description

One 2 mL flame-sealed ampule for spiking client-specific sorbent. Use with EPA Methods TO-17, 0030, 0031, or other applicable methods. Contains at least 24 analytes, randomly selected from the list below, at 50–2000 ng/sample (200–3000 ng/sample for Total Xylenes) after preparation.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	1,1,1,2-Tetrachloroethane	[630-20-6]	150-1500	ng/sample		
	1,1,2,2-Tetrachloroethane	[79-34-5]	150-1500	ng/sample		
	1,1,2-Trichloroethane	[79-00-5]	150-1500	ng/sample		
	1,1-Dichloroethene	[75-35-4]	100-1500	ng/sample		
	1,1-Dichloroethane	[75-34-3]	100-1500	ng/sample		
	1,2,3-Trichloropropane	[96-18-4]	150-1500	ng/sample		
	1,2,4-Trichlorobenzene	[120-82-1]	150-1500	ng/sample		
	1,2-Dibromo-3-chloropropane	[96-12-8]	150-1500	ng/sample		
	1,2-Dibromoethane	[106-93-4]	100-1200	ng/sample		
	1,2-Dichlorobenzene	[95-50-1]	100-1200	ng/sample		
	1,2-Dichloroethane	[107-06-2]	150-1500	ng/sample		
	1,2-Dichloropropane	[78-87-5]	100-1500	ng/sample		
	1,3-Dichlorobenzene	[541-73-1]	100-1200	ng/sample		
	1,4-Dichlorobenzene	[106-46-7]	100-1200	ng/sample		
	2-Butanone	[78-93-3]	50-2000	ng/sample		
	2-Chloroethylvinylether	[110-75-8]	50-2000	ng/sample		
	2-Hexanone	[591-78-6]	200-2000	ng/sample		
	4-Methyl-2-pentanone	[108-10-1]	200-2000	ng/sample		
	Acetone	[67-64-1]	200-2000	ng/sample		
	Acetonitrile	[75-05-8]	50-2000	ng/sample		
	Acrolein	[107-02-8]	50-2000	ng/sample		
	Acrylonitrile	[107-13-1]	50-2000	ng/sample		
	Benzene	[71-43-2]	100-1200	ng/sample		
	Bromodichloromethane	[75-27-4]	100-1000	ng/sample		
	Bromoform (Tribromomethane)	[75-25-2]	100-1000	ng/sample		

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Carbon disulfide	[75-15-0]	50-2000	ng/sample
Chlorobenzene	[108-90-7]	100-1200	ng/sample
Chlorodibromomethane	[124-48-1]	100-1000	ng/sample
Chloroethane	[75-00-3]	200-1200	ng/sample
Chloroform (Trichlorome thane)	[67-66-3]	100-1000	ng/sample
Chloromethane	[74-87-3]	200-1200	ng/sample
Dibromomethane	[74-95-3]	100-1200	ng/sample
Ethylbenzene	[100-41-4]	100-1200	ng/sample
Hexachloro-1,3-butadien e	[87-68-3]	500-2000	ng/sample
Methylene chloride (Dic hloromethane)	[75-09-2]	100-1200	ng/sample
Naphthalene	[91-20-3]	150-1500	ng/sample
Styrene	[100-42-5]	200-1200	ng/sample
Tetrachloroethene	[127-18-4]	100-1500	ng/sample
Toluene	[108-88-3]	100-1200	ng/sample
Trichloroethene	[79-01-6]	100-1000	ng/sample
Vinyl acetate	[108-05-4]	50-2000	ng/sample
Vinyl chloride	[75-01-4]	200-1200	ng/sample
m+p-Xylene	[108-38-3]/[106 -42-3]	100-1500	ng/sample
o-Xylene	[95-47-6]	100-1500	ng/sample
Xylenes, total	[108-38-3]/[106 -42-3]/[95-47-6 ]	200-3000	ng/sample
cis-1,2-Dichloroethene	[156-59-2]	100-1500	ng/sample
cis-1,3-Dichloropropene	[10061-01-5]	100-1200	ng/sample
Methyl-tert.butylether (MTBE)	[1634-04-4]	150-1500	ng/sample
trans-1,2-Dichloroethen e	[156-60-5]	100-1200	ng/sample
trans-1,3-Dichloropropene	[10061-02-6]	100-1200	ng/sample
1,1-Dichloropropene	[563-58-6]	50-2000	ng/sample
1,2,3-Trichlorobenzene	[87-61-6]	50-2000	ng/sample
1,2,4-Trimethylbenzene	[95-63-6]	100-1200	ng/sample

1,3,5-Trimethylbenzene	[108-67-8]	100-1200	ng/sample
1,3-Dichloropropane	[142-28-9]	50-2000	ng/sample
2,2-Dichloropropane	[594-20-7]	50-2000	ng/sample
2-Chlorotoluene	[95-49-8]	50-2000	ng/sample
4-Chlorotoluene	[106-43-4]	50-2000	ng/sample
4-Isopropyltoluene	[99-87-6]	50-2000	ng/sample
Bromobenzene	[108-86-1]	50-2000	ng/sample
Hexachloroethane	[67-72-1]	500-2000	ng/sample
Isopropylbenzene	[98-82-8]	50-2000	ng/sample
n-Butylbenzene	[104-51-8]	50-2000	ng/sample
Nitrobenzene	[98-95-3]	200-2000	ng/sample
n-Propylbenzene	[103-65-1]	50-2000	ng/sample
sec-Butylbenzene	[135-98-8]	50-2000	ng/sample
tert.-Butylbenzene	[98-06-6]	50-2000	ng/sample