

Proficiency Testing - Volatiles in Soil, priority pollutant

Art. ID ERA-623
Unit each
Deliverydetails ADR Excepted Quantity (EQ) / AIR Excepted Quantity (EQ) UN1230 (6.1) II E2

Description

One 2 mL flame-sealed ampule in methanol requires spiking onto the provided ten grams of solid matrix before analysis. Includes a subset of the analytes listed /// Methods: EPA 8010, EPA 8020, EPA 8021, EPA 8240, EPA 8260

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	1,1,1,2-Tetrachloroethane	[630-20-6]	20 - 200	µg/kg		
	1,1,2,2-Tetrachloroethane	[79-34-5]	20 - 200	µg/kg		
	1,1,2-Trichloroethane	[79-00-5]	20 - 200	µg/kg		
	1,1-Dichloroethane	[75-34-3]	20 - 200	µg/kg		
	1,1-Dichloroethene	[75-35-4]	20 - 200	µg/kg		
	1,2,3-Trichloropropane	[96-18-4]	20 - 200	µg/kg		
	1,2,4-Trichlorobenzene	[120-82-1]	40 - 200	µg/kg		
	1,2-Dibromo-3-chloropropane	[96-12-8]	40 - 200	µg/kg		
	1,2-Dibromoethane	[106-93-4]	20 - 200	µg/kg		
	1,2-Dichlorobenzene	[95-50-1]	20 - 200	µg/kg		
	1,2-Dichloroethane	[107-06-2]	20 - 200	µg/kg		
	1,2-Dichloropropane	[78-87-5]	20 - 200	µg/kg		
	1,3-Dichlorobenzene	[541-73-1]	20 - 200	µg/kg		
	1,4-Dichlorobenzene	[106-46-7]	20 - 200	µg/kg		
	2-Butanone	[78-93-3]	100 - 500	µg/kg		
	2-Chloroethylvinylether	[110-75-8]	20 - 200	µg/kg		
	2-Hexanone	[591-78-6]	100 - 500	µg/kg		
	4-Methyl-2-pentanone	[108-10-1]	100 - 500	µg/kg		
	Acetone	[67-64-1]	200 - 1000	µg/kg		
	Acetonitrile	[75-05-8]	200 - 1000	µg/kg		
	Acrolein	[107-02-8]	20 - 200	µg/kg		
	Benzene	[71-43-2]	20 - 200	µg/kg		
	Bromodichloromethane	[75-27-4]	20 - 200	µg/kg		
	Bromoform (Tribromomethane)	[75-25-2]	20 - 200	µg/kg		

Carbon disulfide	[75-15-0]	20 - 200	µg/kg
Chlorobenzene	[108-90-7]	20 - 200	µg/kg
Chlorodibromomethane	[124-48-1]	20 - 200	µg/kg
Chloroethane	[75-00-3]	20 - 200	µg/kg
Chloroform (Trichloromethane)	[67-66-3]	20 - 200	µg/kg
Chloromethane	[74-87-3]	20 - 200	µg/kg
Dibromomethane	[74-95-3]	20 - 200	µg/kg
Ethylbenzene	[100-41-4]	20 - 200	µg/kg
Isopropylbenzene (Cumol)	[98-82-8]	20 - 200	µg/kg
Methylene chloride (Dichloromethane)	[75-09-2]	20 - 200	µg/kg
Naphthalene	[91-20-3]	40 - 200	µg/kg
Styrene	[100-42-5]	40 - 200	µg/kg
Tetrachloroethene	[127-18-4]	20 - 200	µg/kg
Toluene	[108-88-3]	20 - 200	µg/kg
Trichloroethene	[79-01-6]	20 - 200	µg/kg
Vinyl acetate	[108-05-4]	20 - 200	µg/kg
Vinyl chloride	[75-01-4]	20 - 200	µg/kg
Xylenes, total	[108-38-3]/[106-42-3]/[95-47-6]	40 - 400	µg/kg
cis-1,2-Dichloroethene	[156-59-2]	20 - 200	µg/kg
cis-1,3-Dichloropropene	[10061-01-5]	20 - 200	µg/kg
Methyl-tert.butylether (MTBE)	[1634-04-4]	20 - 200	µg/kg
trans-1,2-Dichloroethene	[156-60-5]	20 - 200	µg/kg
trans-1,3-Dichloropropene	[10061-02-6]	20 - 200	µg/kg
n-Butylbenzene	[104-51-8]	20 - 200	µg/kg
sec-Butylbenzene	[135-98-8]	20 - 200	µg/kg
tert.-Butylbenzene	[98-06-6]	20 - 200	µg/kg
2-Chlorotoluene	[95-49-8]	20 - 200	µg/kg
4-Chlorotoluene	[106-43-4]	20 - 200	µg/kg
1,3-Dichloropropane	[142-28-9]	20 - 200	µg/kg
2,2-Dichloropropane	[594-20-7]	20 - 200	µg/kg

1,1-Dichloropropene	[563-58-6]	20 - 200	µg/kg
Hexachloroethane	[67-72-1]	20 - 200	µg/kg
Hexachloro-1,3-butadien	[87-68-3]	20 - 200	µg/kg
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4-Isopropyltoluene	[99-87-6]	20 - 200	µg/kg
Nitrobenzene	[98-95-3]	20 - 200	µg/kg
n-Propylbenzene	[103-65-1]	20 - 200	µg/kg
1,2,3-Trichlorobenzene	[87-61-6]	20 - 200	µg/kg
1,2,4-Trimethylbenzene	[95-63-6]	20 - 200	µg/kg
1,3,5-Trimethylbenzene	[108-67-8]	20 - 200	µg/kg
m and p-Xylene	[108-38-3]/[106-42-3]	20 - 200	µg/kg
o-Xylene	[95-47-6]	20 - 200	µg/kg
Bromobenzene	[108-86-1]	20 - 200	µg/kg