

U.S. EPA Unregulated Contaminant Monitoring Rule (UCMR) 2

Assessment Monitoring List 1

Flame Retardants

Contaminant	Method	Container	Preservative	Holding Time	TAT
Dimethoate	EPA 527	2 Amber Glass 1-Liter Bottles	Ascorbic Acid/EDTA/ Potassium Dihydrogen Citrate	14 days	10-15 days
Terbufos sulfone					
2,2',4,4'-tetrabromodiphenyl ether (BDE-47)					
2,2',4,4',5-pentabromodiphenyl ether (BDE-99)					
2,2',4,4',5,5'-hexabromobiphenyl (245-HBB)					
2,2',4,4',5,5'-hexabromodiphenyl ether (BDE-153)					
2,2',4,4',6-pentabromodiphenyl ether (BDE-100)					

Explosives

Contaminant	Method	Container	Preservative	Holding Time	TAT
1,3-dinitrobenzene	EPA 529	2 Amber Glass 1-Liter Bottles	CuSO ₄ ·5H ₂ O/ Trizma Pre- set Crystals	14 days	10-15 days
2,4,6-trinitrotoluene (TNT)					
Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)					

Screening Survey List 2

UCMR Degradates

Contaminant	Method	Container	Preservative	Holding Time	TAT
Acetochlor ESA	EPA 535	3 Amber Glass 250 mL Bottles	NH ₄ Cl	14 days	10-15 days
Acetochlor OA					
Alachlor ESA					
Alachlor OA					
Metolachlor ESA					
Metolachlor OA					

Pesticides and Industrial Chemicals

Contaminant	Method	Container	Preservative	Holding Time	TAT
Acetochlor	EPA 525.2	2 Amber Glass 1-Liter Bottles	Na ₂ S ₂ O ₃ /HCl*	14 days	10-15 days
Alachlor					
Metolachlor					

* 50 mg Na₂SO₃ followed by 6 mL 1:1 HCl for chlorinated samples. 6 mL HCl for non chlorinated samples.

Nitrosamines

Contaminant	Method	Container	Preservative	Holding Time	TAT
N-nitroso-diethylamine (NDEA)	EPA 521	2 Amber Glass 500 mL Bottles	Na ₂ S ₂ O ₃	14 days	10-15 days
N-nitroso-dimethylamine (NDMA)					
N-nitroso-di-n-butylamine (NDBA)					
N-nitroso-di-n-propylamine (NDPA)					
N-nitroso-methylethylamine (NMEA)					
N-nitroso-pyrrolidine (NPYR)					

LEGEND TECHNICAL SERVICES, INC.

17631 N. 25TH AVENUE - PHOENIX, ARIZONA 85023 - (602) 324-6100 - FAX (602) 324-6101

