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**USEPA METHOD # 507-Rev.2.0 - ORGANONITROGEN PESTICIDES: GC/NPD**

**Sampling and Preservation Requirements** - 1 x 1 Liter Glass Bottle. If chlorinated add 80 mg Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> and cool to 4 °C

Analyte	MCL mg/L	MDL mg/L
Alachlor	0.002	0.0002
Atrazine	0.003	0.0001
Butachlor	nda	
Metolachlor	nda	
Metribuzin	0.3	
Propachlor	0.1	
Simazine	0.004	0.00007

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**USEPA METHOD # 508-Rev. 3.0 - ORGANOCHLORINE PESTICIDES: Microexr: GC/ECD**

**Sampling and Preservation Requirements** - 1 x 1 Liter Glass Bottle. 80 mg Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> and cool to 4 °C

**Max. Holding Time** = 7 Days

Analyte	MCL mg/L	MDL mg/L
Aldrin	0.0003	
Chlordane	0.002	0.0002
Dieldrin	0.0005	
Endrin	0.002	0.00001
Heptachlor	0.0004	0.00004
Heptachlor epoxide	0.0002	0.00002
Hexachlorobenzene	0.001	0.0001

Hexachlorocyclopentadiene	0.05	0.0001
Lindane	0.0002	0.00002
Methoxychlor	0.04	0.0001
Polychlorinated biphenyls	0.0005	0.0001
Porpachlor	0.1	
Toxaphene	0.003	0.001

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**Sampling and Preservation Requirements** - 1 x 1 Liter Glass Bottle. 80 mg Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> and cool to 4°C

**Max. Holding Time** = 14 Days

Analyte	MCL mg/L	MDL mg/L
2,4-D	0.07	0.0001
2,4,5-TP (Silvex)	0.05	0.0002
Dalapon	0.2	0.001
Dicamba (Banvel)	0.001	0.001
Dinoseb	0.007	0.0002
Picloram (Tordon)	0.5	0.0001
Pentachlorophenol	0.001	0.00004

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**Sampling and Preservation Requirements** - 1 x 1 Liter Glass Bottle. 40 mg Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>. Add 6N HCl to pH <2 and cool to 4°C.

**Max. Holding Time** = 14 Days

Analyte	MCL mg/L	MDL mg/L
Di(2-ethylhexyl)adipate	0.4	0.0006

2Di(2-ethylhexyl)phthalate	0.006	0.0008
Benzo[a]pyrene	0.0002	0.00002

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**Sampling and Preservation Requirements** - 1 x 60 mL Glass vial. Add 0.1 mL monochloroacetic acid and 4.8 mg Na cool to 4°C.

 $\text{Na}_2\text{S}_2\text{O}_3$  and**Max. Holding Time** = 14 Days

Analyte	MCL mg/L	MDL mg/L
3-Hydroxycarbofuran	nda	
Aldicarb	0.003	0.0005
Aldicarb Sulfone	0.002	0.0008
Aldicarb Sulfoxide	0.004	0.0005
Carbaryl	1	
Carbofuran	0.04	0.0009
Methomyl	0.3	
Oxamyl	0.2	0.002

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**Sampling and Preservation Requirements** - 1 x 60 ml Glass. 10 mg  $\text{Na}_2\text{S}_2\text{O}_3$  and cool to 4°C.

**Max. Holding Time** = 14 Days

Analyte	MCL mg/L	MDL mg/L
Glyphosate	0.7	0.005

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**USEPA METHOD # 548.1 - Ion Exchange / methylation - GC/MS**

**Sampling and Preservation Requirements** - 2 x 100 ml Amber Glass. 8 mg Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> and cool to 4°C. Keep in the dark.

**Max. Holding Time** = 14 Days

Analyte	MCL mg/L	MDL mg/L
Endothall	0.1	0.009

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**USEPA METHOD # 549.1-Rev. 1.0 - DIQUAT: HPLC/UV**

**Sampling and Preservation Requirements** - 2 x 1 Liter Amber PVC. 100 mg Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> and cool to 4°C. Keep in the dark. Add H

<sup>2</sup>  
SO

<sup>4</sup>  
to pH < 2 if biological activity.

**Max. Holding Time** = 7 Days

Analyte	MCL mg/L	MDL mg/L
Diquat	0.02	0.0004

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**USEPA METHOD # 550.1 - PAH's: HPLC/UV-FLD**

**Sampling and Preservation Requirements** - 1 x 1 Liter Amber Glass. 100 mg Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> and cool to 4°C. Add 6N HCl to pH <2. Keep in the dark.

**Max. Holding Time = 7 Days**

Analyte	MCL mg/L	MDL mg/L
Benzo[a]pyrene	0.0002	0.00002

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**Sampling and Preservation Requirements** - 3 x 40ml Septum Vials. 3mg Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> or 25mg Ascorbic Acid plus 1 drop 6N HCl.

**Method Detection Limit (MDL) = 0.0005 mg/L for each analyte****Max. Holding Time = 14 Days**

Analyte Regulated VOC's	MCL mg/L	Analyte Unregulated VOC's	Proposed MCL mg/L
Benzene	0.005	Bromobenzene	
Carbon tetrachloride	0.005	Bromomethane	
1,2-Dichloroethane	0.005	Chlorobenzene	
1,1-Dichloroethane	0.007	Chloroethane	
1,2-Dichlorobenzene	0.6	Chloromethane	
1,4-Dichlorobenzene	0.075	o-Chlorotoluene	
cis-1,2-Dichloroethylene	0.07	p-Chlorotoluene	
trans-1,2-Dichloroethylene	0.1	Dibromomethane	
Dichloromethane	0.005	m-Dichlorobenzene	
1,2-Dichloropropane	0.005	1,1-Dichloroethane	

Ethylbenzene	0.7	1,3-Dichloropropane	
Monochlorobenzene	0.1	2,2-Dichloropropane	
Styrene	0.1	1,1-Dichloropropne	
Tetrachloroethylene	0.005	cis-1,3-Dichloropropene	
1,2,4-Trichlorobenzene	0.07	trans-1,3-Dichloropropene	
1,1,1-Trichloroethane	0.2	1,1,1,2-Tetrachloroethane	0.005
1,1,2-Trichloroethane	0.005	1,1,2,2,-Tetrachloroethane	
Trichloroethylene	0.005	1,2,3-Trichloropropane	
Toluene	1	Bromochloromethane	
Vinyl chloride	0.002	n-butylbenzene	
Xylenes, Total	10	sec-butylbenzene	
		tert-butylbenzene	
		Dichlorodifluoromethane	
		Fluorotrichloromethane	
		Hexachlorobutadiene	
		Isopropylbenzene	
		p-isopropyltoluene	
		Napthalene	
		p-propylbenzene	
		1,2,3-trichlorobenzene	
		1,2,4-trichlorobenzene	
		1,2,4-trimethylbenzene	
		1,3,5-trimethylbenzene	

THM's		MCL mg/L
Chloroform		
Bromodichloromethane		
Chlorodibromomethane		
Bromoform		
Total Trihalomethanes		0.100 Total

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