

Analytical Method Information

Analyte	MDL	Reporting	Surrogate	Duplicate	Matrix Spike		Blank Spike / LCS	
		Limit	%R	RPD	%R	RPD	%R	RPD

504.1 EDB/DBCP in Water (EPA 504.1)

Preservation: Store cool at 4°C

Container: VOA Vial - Na2S2O3

Amount Required: 3 VOA vials

Hold Time: 14 days

507 DHS Regulatory in Water (EPA 507)

Preservation: Dechlorinate; Store cool at 4°C

Container: 1L Amber- Unpres.

Amount Required: 2 1L

Hold Time: 14 days

Alachlor	0.22	1.0 ug/l			62 - 128	30	62 - 128	30
Atrazine	0.080	0.50 ug/l			62 - 122	30	62 - 122	30
Molinate	0.12	2.0 ug/l			44 - 137	30	44 - 137	30
Simazine	0.12	4.0 ug/l			70 - 130	30	70 - 130	30
Thiobencarb	0.19	1.0 ug/l			69 - 129	30	69 - 129	30
surr: 1,3-Dimethyl-2-nitrobenzene					70 - 130			

508 DHS Regulatory in Water (EPA 508)

Preservation: Dechlorinate; Store cool at 4°C

Container: 1L Amber- Unpres.

Amount Required: 2 1L Amber

Hold Time: 7 days

Endrin	0.0060	0.10 ug/l			74 - 134	20	74 - 134	20
HCH-gamma (Lindane)	0.0040	0.20 ug/l			59 - 119	20	59 - 119	20
Heptachlor	0.0040	0.010 ug/l			41 - 113	20	41 - 113	20
Heptachlor epoxide	0.0050	0.010 ug/l			57 - 117	20	57 - 117	20
Hexachlorobenzene	0.020	0.50 ug/l			41 - 122	20	41 - 122	20
Hexachlorocyclopentadiene	0.080	1.0 ug/l			10 - 70	50	10 - 70	50
Methoxychlor	0.0040	10 ug/l			63 - 146	20	63 - 146	20
PCB-1016	0.040	0.50 ug/l						
PCB-1221	0.050	0.50 ug/l						
PCB-1232	0.050	0.50 ug/l						
PCB-1242	0.050	0.50 ug/l						
PCB-1248	0.050	0.50 ug/l						
PCB-1254	0.050	0.50 ug/l						
PCB-1260	0.050	0.50 ug/l						
Total PCBs	0.19	0.50 ug/l						
Toxaphene	0.45	1.0 ug/l						
Chlordane (tech)	0.035	0.10 ug/l						
surr: Dibutylchloroendate					63 - 123			

515.1 DHS Regulatory in Water (EPA 515.1)

Preservation: Dechlorinate; Store cool at 4°C

Container: 1L Amber- Unpres.

Amount Required: 2 1L Ambers

Hold Time: 14 days

Bentazon	0.20	2.0 ug/l			69 - 118	50	69 - 118	50
2,4-D	0.20	10 ug/l			48 - 124	50	48 - 124	50
Dalapon	1.0	10 ug/l			40 - 112	50	40 - 112	50
Dinoseb	0.30	2.0 ug/l			0 - 85	50	0 - 85	50
Pentachlorophenol	0.20	0.20 ug/l			36 - 112	50	36 - 112	50
Picloram	0.10	1.0 ug/l			44 - 133	50	44 - 133	50
2,4,5-TP (Silvex)	0.090	1.0 ug/l			44 - 115	50	44 - 115	50
surr: DCAA					70 - 130			

525 SVOAs Regulated in Water (EPA 525)

Preservation: Dechlorinate with 50mg/L Na2SO3, add HCl to pH<2. Store cool at 4°C

Container: 1L Amber-HCl

Amount Required: 2 1L Ambers

Hold Time: 14 days

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Analyte	MDL	Reporting Limit	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %R	RPD
531.1 DHS Carbamates in Water (EPA 531.1)								
Preservation: 3.6ml monochloroacetic acid before dechlor, store cool at 4°C								
Container: 125ml Amber -								
Amount Required: 125ml								
Hold Time: 28 days								
Monochloroacetic Acid								
Carbofuran	0.28	5.0 ug/l			72 - 132	20	72 - 132	20
Oxamyl	0.22	20 ug/l			73 - 130	20	73 - 130	20
547 DHS Glyphosate in Water (EPA 547)								
Preservation: Dechlorinate; Store cool at 4°C								
Container: 125ml Amber								
Amount Required: 2 125ml								
Hold Time: 14 days								
Amber								
Glyphosate	2.8	25 ug/l			66 - 126	30	66 - 126	30
548.1 Endothall in Water (EPA 548.1)								
Preservation: Store cool at 4°C								
Container: 250 ml Amber-Unpres.								
Amount Required: 100ml								
Hold Time: 7 days								
549.2 DHS Diquat in Water (EPA 549.2)								
Preservation: Dechlorinate; Store cool at 4°C								
Container: 1 Liter Brown Poly								
Amount Required: 1 liter								
Hold Time: 7 days								
Diquat	0.29	4.0 ug/l			70 - 130	25	70 - 130	25
Dioxin 2378-TCDD DW 1613 in Water (EPA 1613A)								
Preservation: Store cool at 4°C								
Container: 1L Amber- Unpres.								
Amount Required: 2 1L								
Hold Time: 365 days								