

Analytical Method Information

Analyte	MDL	Reporting Limit	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %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								
508 Pesticides in Water (EPA 508)								
Preservation: Dechlorinate; Store cool at 4°C								
Container: 1L Amber- Unpres.								
Amount Required: 2 1L Amber								
Hold Time: 7 days								
Aldrin	0.0060	0.010 ug/l			12 - 117	27	12 - 117	27
Chloroneb	0.50	0.50 ug/l			62 - 132	23	62 - 132	23
Chlorobenzilate	0.020	5.0 ug/l			78 - 138	22	78 - 138	22
Chlorothalonil	0.020	0.10 ug/l			61 - 121	20	61 - 121	20
DCPA	0.0090	0.040 ug/l			65 - 140	20	65 - 140	20
4,4'-DDD	0.0030	0.010 ug/l			77 - 137	20	77 - 137	20
4,4'-DDE	0.0020	0.010 ug/l			63 - 135	20	63 - 135	20
4,4'-DDT	0.0070	0.020 ug/l			61 - 130	20	61 - 130	20
Dieldrin	0.0020	0.010 ug/l			57 - 117	20	57 - 117	20
Endosulfan I	0.0020	0.010 ug/l			57 - 117	20	57 - 117	20
Endosulfan II	0.0020	0.010 ug/l			60 - 133	20	60 - 133	20
Endosulfan sulfate	0.0020	0.020 ug/l			63 - 129	20	63 - 129	20
Endrin	0.0060	0.010 ug/l			74 - 134	20	74 - 134	20
Endrin aldehyde	0.0080	0.050 ug/l			58 - 118	20	44 - 149	20
HCH-alpha	0.0010	0.010 ug/l			62 - 122	20	62 - 122	20
HCH-beta	0.0030	0.050 ug/l			65 - 125	20	65 - 125	20
HCH-delta	0.0020	0.050 ug/l			68 - 136	20	68 - 136	20
HCH-gamma (Lindane)	0.0040	0.010 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	0.040 ug/l			41 - 122	20	41 - 122	20
Hexachlorocyclopentadiene	0.080	0.40 ug/l			10 - 70	50	10 - 70	50
Methoxychlor	0.0040	0.020 ug/l			63 - 146	20	63 - 146	20
cis-Permethrin	0.10	0.20 ug/l			45 - 160	26	45 - 160	26
trans-Permethrin	0.060	0.20 ug/l			68 - 136	20	68 - 136	20
Propachlor	0.030	0.20 ug/l			52 - 144	20	52 - 144	22
Trifluralin	0.020	0.040 ug/l			58 - 130	20	58 - 130	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	0.50 ug/l						
Chlordane (tech)	0.035	0.050 ug/l						
surr: Dibutylchloroendate					63 - 123			

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515.1 Herbicides 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								
Acifluorfen	0.20	0.20 ug/l			19 - 135	50	19 - 135	50
Bentazon	0.20	0.40 ug/l			69 - 118	50	69 - 118	50
2,4-D	0.20	1.0 ug/l			48 - 124	50	48 - 124	50
Dalapon	1.0	6.0 ug/l			40 - 112	50	40 - 112	50
2,4-DB	1.0	5.0 ug/l			54 - 123	50	54 - 123	50
DCPA acid metabolites	0.14	0.20 ug/l			44 - 154	50	44 - 154	50
Dicamba	0.20	0.40 ug/l			41 - 123	50	41 - 123	50
Dichlorprop	0.40	1.0 ug/l			54 - 106	50	54 - 106	50
Dinoseb	0.30	1.0 ug/l			0 - 85	50	0 - 85	50
4-Nitrophenol	0.30	0.40 ug/l			60 - 202	50	60 - 202	50
Pentachlorophenol	0.20	0.20 ug/l			36 - 112	50	36 - 112	50
Picloram	0.10	0.20 ug/l			44 - 133	50	44 - 133	50
2,4,5-T	0.20	0.50 ug/l			70 - 131	50	70 - 131	50
2,4,5-TP (Silvex)	0.090	0.50 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								
531.1 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								
Aldicarb	0.22	3.0 ug/l			85 - 145	20	85 - 139	20
Aldicarb sulfone	0.15	4.0 ug/l			71 - 131	20	71 - 131	20
Aldicarb sulfoxide	0.18	3.0 ug/l			75 - 127	20	75 - 127	20
Carbaryl	0.17	5.0 ug/l			70 - 127	20	70 - 127	20
Carbofuran	0.28	5.0 ug/l			72 - 132	20	72 - 132	20
3-Hydroxycarbofuran	0.24	3.0 ug/l			72 - 132	20	72 - 132	20
Methiocarb	0.33	5.0 ug/l			65 - 122	20	65 - 122	20
Methomyl	0.19	2.0 ug/l			76 - 131	20	76 - 131	20
Oxamyl	0.22	20 ug/l			73 - 130	20	73 - 130	20
Propoxur	0.26	5.0 ug/l			55 - 155	20	55 - 155	20
547 Glyphosate in Water (EPA 547)								
Preservation: Dechlorinate; Store cool at 4°C								
Container: 125ml Amber								
Amount Required: 2 125ml Amber								
Hold Time: 14 days								
Glyphosate	2.8	10 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 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	2.0 ug/l			70 - 130	25	70 - 130	25

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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		