

Sample: Method Blank

Organochlorine Pesticides and PCB's by EPA 8080

Date Received: 08/24/99 Matrix: Soil
Date Extracted: 08/25/99 Sample amount: 50g:10ml
Date Analyzed: 08/26/99
Instrument ID: GC #8 Units: ug/kg (ppb)

CAS no.	Compound	Concentration	Detection Limit
309-00-2	Aldrin	ND	0.2
319-84-6	alpha-BHC	ND	0.2
319-85-7	beta-BHC	ND	0.4
58-89-9	gamma-BHC (Lindane)	ND	0.2
319-86-8	delta-BHC	ND	0.2
5103-71-9	alpha-Chlordane	ND	0.2
5103-74-2	gamma-Chlordane	ND	0.2
72-54-8	4,4'-DDD	ND	0.4
72-55-9	4,4'-DDE	ND	0.4
50-29-3	4,4'-DDT	ND	0.4
60-57-1	Dieldrin	ND	0.4
959-98-8	Endosulfan I	ND	0.2
33213-65-9	Endosulfan II	ND	0.4
1031-07-8	Endosulfan sulfate	ND	0.4
72-20-8	Endrin	ND	0.4
7421-36-3	Endrin aldehyde	ND	0.4
53494-70-5	Endrin ketone	ND	0.4
76-44-8	Heptachlor	ND	0.2
1024-57-3	Heptachlor epoxide	ND	0.2
72-43-5	Methoxychlor	ND	2
8001-35-2	Toxaphene	ND	20
12674-11-2	PCB-1016	ND	10
11104-28-2	PCB-1221	ND	10
11141-16-5	PCB-1232	ND	10
53469-21-9	PCB-1242	ND	10
12672-29-6	PCB-1248	ND	10
11097-69-1	PCB-1254	ND	10
11096-82-5	PCB-1260	ND	10

Surrogate	Percent Recovery	Control Limits
Tetrachloro-m-xylene	103	60-150
Decachlorobiphenyl	100	60-150

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Matrix Spike/Matrix Spike Duplicate Recovery Summary

QC Batch:082399S2

Date
Analyzed:08/26/99
Matrix: Soil

Date
Extracted: 08/23/99
Units: ppb

Analyte	Sample Result	Amount Spiked	MS Result	% Rec MS	MSD Result	% Rec MSD	RPD
Aldrin	ND	6.38	6.27	98	5.96	93	5
Lindane	ND	6.38	6.08	95	5.65	89	7
4,4'-DDT	ND	12.76	13.0	102	11.7	92	10
Dieldrin	ND	12.76	12.5	98	11.8	92	6
Endrin	ND	12.76	13.6	107	12.9	101	6
Heptachlor	ND	6.38	6.18	97	5.69	89	8

QC Limits

Analyte	RPD	% Recovery
Aldrin	21	67 - 129
Lindane	19	65 - 135
4,4'-DDT	34	42 - 160
Dieldrin	32	45 - 147
Endrin	22	65 - 145
Heptachlor	21	62 - 134

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Laboratory Fortified Blank Recovery Summary

QC Batch:082399LF

Date
 Analyzed:08/26/99
 Matrix: Soil

Date
 Extracted: 08/23/99
 Units: ppb

Analyte	Sample Result	Amount Spiked	LFB Result	% Rec LFB
Aldrin	ND	5	4.50	90
Lindane	ND	5	4.19	84
4,4'-DDT	ND	10	7.87	79
Dieldrin	ND	10	8.58	86
Endrin	ND	10	7.9	79
Heptachlor	ND	5	4.24	85

QC Limits

Analyte	% Recovery
Aldrin	67 - 129
Lindane	65 - 135
4,4'-DDT	42 - 160
Dieldrin	45 - 147
Endrin	65 - 145
Heptachlor	62 - 134