

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3649</u>	Analytical Method:	<u>8081B</u>
Client:	<u>HDR, Inc.</u>	DataFile :	<u>PD091240.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Limits High	RPD
		Result	Result				RPD	Qual		
Lab Sample ID:	Q3649-03MSD	Client Sample ID:	DUPE-0.0-0.5-20251114MS							
(Column 1)										
alpha-BHC	19.22	0	16.9	ug/kg	88		3		30 (60)	150 (144) 30 (15)
beta-BHC	19.22	0	16.5	ug/kg	86		1		30 (54)	150 (143) 30 (15)
delta-BHC	19.22	0	16.4	ug/kg	85		2		30 (47)	150 (129) 30 (20)
gamma-BHC (Lindane)	19.22	0	16.9	ug/kg	88		3		30 (39)	150 (136) 30 (30)
Heptachlor	19.22	0	16.9	ug/kg	88		8		30 (33)	150 (148) 30 (20)
Aldrin	19.22	0	16.2	ug/kg	84		4		30 (38)	150 (139) 30 (30)
Heptachlor epoxide	19.22	0	15.7	ug/kg	82		2		30 (23)	150 (155) 30 (16)
Endosulfan I	19.22	0	16.2	ug/kg	84		5		30 (30)	150 (142) 30 (15)
Dieldrin	19.22	0	23.1	ug/kg	120		4		30 (32)	150 (140) 30 (20)
4,4'-DDE	19.22	0	15.2	ug/kg	79		4		30 (20)	150 (156) 30 (16)
Endrin	19.22	0	18.0	ug/kg	94		3		30 (57)	150 (139) 30 (16)
Endosulfan II	19.22	0	16.3	ug/kg	85		3		30 (41)	150 (125) 30 (15)
4,4'-DDD	19.22	0	15.3	ug/kg	80		2		30 (47)	150 (163) 30 (20)
Endosulfan sulfate	19.22	0	15.2	ug/kg	79		5		30 (43)	150 (125) 30 (15)
4,4'-DDT	19.22	1.50	20.0	ug/kg	96		7		30 (25)	150 (149) 30 (15)
Methoxychlor	19.22	0	17.2	ug/kg	89		10		30 (32)	150 (132) 30 (20)
Endrin ketone	19.22	0	14.8	ug/kg	77		5		30 (27)	150 (142) 30 (15)
Endrin aldehyde	19.22	0	15.8	ug/kg	82		6		30 (19)	150 (148) 30 (15)
alpha-Chlordane	19.22	0	15.4	ug/kg	80		5		30 (26)	150 (147) 30 (20)
gamma-Chlordane	19.22	0	15.7	ug/kg	82		2		30 (30)	150 (142) 30 (15)
Lab Sample ID:	Q3649-03MSD	Client Sample ID:	DUPE-0.0-0.5-20251114MS							
(Column 2)										
alpha-BHC	19.22	0	17.2	ug/kg	89		2		30 (60)	150 (144) 30 (15)
beta-BHC	19.22	0	17.8	ug/kg	93		2		30 (54)	150 (143) 30 (15)
delta-BHC	19.22	0	16.2	ug/kg	84		2		30 (47)	150 (129) 30 (20)
gamma-BHC (Lindane)	19.22	0	16.6	ug/kg	86		2		30 (39)	150 (136) 30 (30)
Heptachlor	19.22	0	16.3	ug/kg	85		6		30 (33)	150 (148) 30 (20)
Aldrin	19.22	0	16.3	ug/kg	85		2		30 (38)	150 (139) 30 (30)
Heptachlor epoxide	19.22	0	16.0	ug/kg	83		2		30 (23)	150 (155) 30 (16)
Endosulfan I	19.22	0	14.1	ug/kg	73		3		30 (30)	150 (142) 30 (15)
Dieldrin	19.22	0	22.5	ug/kg	117		3		30 (32)	150 (140) 30 (20)
4,4'-DDE	19.22	0	15.4	ug/kg	80		4		30 (20)	150 (156) 30 (16)
Endrin	19.22	0	16.6	ug/kg	86		5		30 (57)	150 (139) 30 (16)
Endosulfan II	19.22	0	15.3	ug/kg	80		4		30 (41)	150 (125) 30 (15)
4,4'-DDD	19.22	0	12.2	ug/kg	63		3		30 (47)	150 (163) 30 (20)
Endosulfan sulfate	19.22	0	14.0	ug/kg	73		5		30 (43)	150 (125) 30 (15)

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Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
		Result	Result							High	RPD
4,4'-DDT	19.22	2.60	18.1	ug/kg	81		9		30 (25)	150 (149)	30 (15)
Methoxychlor	19.22	0	14.1	ug/kg	73		9		30 (32)	150 (132)	30 (20)
Endrin ketone	19.22	0	10.9	ug/kg	57		7		30 (27)	150 (142)	30 (15)
Endrin aldehyde	19.22	0	14.3	ug/kg	74		5		30 (19)	150 (148)	30 (15)
alpha-Chlordane	19.22	0	16.5	ug/kg	86		2		30 (26)	150 (147)	30 (20)
gamma-Chlordane	19.22	0	17.3	ug/kg	90		5		30 (30)	150 (142)	30 (15)