

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3466</u>	Analytical Method:	<u>8081B</u>
Client:	<u>HDR, Inc.</u>	DataFile :	<u>PD090895.D</u>

			Sample			Rec		RPD		Limits		
	Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3466-02MSD	Client Sample ID:		B8-0.0-1.0-20251023MSD								
	(Column 1)											
	alpha-BHC	19.49	0	20.7	ug/kg	106		7		30 (60)	150 (144)	30 (20)
	beta-BHC	19.49	0	18.2	ug/kg	93		4		30 (54)	150 (143)	30 (20)
	delta-BHC	19.49	0	20.7	ug/kg	106		6		30 (29)	150 (151)	30 (20)
	gamma-BHC (Lindane)	19.49	0	20.4	ug/kg	105		9		30 (61)	150 (140)	30 (20)
	Heptachlor	19.49	0	24.2	ug/kg	124		7		30 (63)	150 (135)	30 (20)
	Aldrin	19.49	0	20.2	ug/kg	104		7		30 (49)	150 (139)	30 (20)
	Heptachlor epoxide	19.49	0	20.5	ug/kg	105		7		30 (41)	150 (156)	30 (20)
	Endosulfan I	19.49	0	20.2	ug/kg	104		7		30 (56)	150 (142)	30 (20)
	Dieldrin	19.49	0.45	19.9	ug/kg	100		6		30 (47)	150 (161)	30 (20)
	4,4'-DDE	19.49	0.80	19.3	ug/kg	95		5		30 (55)	150 (136)	30 (20)
	Endrin	19.49	1.1	20.3	ug/kg	99		6		30 (57)	150 (139)	30 (20)
	Endosulfan II	19.49	0	19.4	ug/kg	100		6		30 (40)	150 (163)	30 (20)
	4,4'-DDD	19.49	0	21.8	ug/kg	112		6		30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	19.49	0	19.1	ug/kg	98		4		30 (62)	150 (139)	30 (20)
	4,4'-DDT	19.49	1.1	22.6	ug/kg	110		7		30 (51)	150 (146)	30 (20)
	Methoxychlor	19.49	0	19.8	ug/kg	102		5		30 (54)	150 (136)	30 (20)
	Endrin ketone	19.49	0	20.5	ug/kg	105		6		30 (60)	150 (129)	30 (20)
	Endrin aldehyde	19.49	0	20.0	ug/kg	103		6		30 (59)	150 (132)	30 (20)
	alpha-Chlordane	19.49	0	19.8	ug/kg	102		8		30 (39)	150 (166)	30 (20)
	gamma-Chlordane	19.49	0	19.5	ug/kg	100		6		30 (44)	150 (175)	30 (20)
Lab Sample ID:	Q3466-02MSD	Client Sample ID:		B8-0.0-1.0-20251023MSD								
	(Column 2)											
	alpha-BHC	19.49	0	19.6	ug/kg	101		7		30 (60)	150 (144)	30 (20)
	beta-BHC	19.49	0	20.2	ug/kg	104		7		30 (54)	150 (143)	30 (20)
	delta-BHC	19.49	0	19.2	ug/kg	99		6		30 (29)	150 (151)	30 (20)
	gamma-BHC (Lindane)	19.49	0	19.0	ug/kg	97		5		30 (61)	150 (140)	30 (20)
	Heptachlor	19.49	0	20.3	ug/kg	104		6		30 (63)	150 (135)	30 (20)
	Aldrin	19.49	0	18.8	ug/kg	96		5		30 (49)	150 (139)	30 (20)
	Heptachlor epoxide	19.49	0	18.9	ug/kg	97		5		30 (41)	150 (156)	30 (20)
	Endosulfan I	19.49	0	17.5	ug/kg	90		6		30 (56)	150 (142)	30 (20)
	Dieldrin	19.49	1.7	20.6	ug/kg	97		5		30 (47)	150 (161)	30 (20)
	4,4'-DDE	19.49	0.64	19.4	ug/kg	96		5		30 (55)	150 (136)	30 (20)
	Endrin	19.49	0.34	18.9	ug/kg	95		4		30 (57)	150 (139)	30 (20)
	Endosulfan II	19.49	0	20.7	ug/kg	106		4		30 (40)	150 (163)	30 (20)
	4,4'-DDD	19.49	0	17.9	ug/kg	92		3		30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	19.49	0	19.2	ug/kg	99		4		30 (62)	150 (139)	30 (20)

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Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
		Result	Result							High	RPD
4,4'-DDT	19.49	3.3	21.7	ug/kg	94		4		30 (51)	150 (146)	30 (20)
Methoxychlor	19.49	0	18.0	ug/kg	92		4		30 (54)	150 (136)	30 (20)
Endrin ketone	19.49	0	17.9	ug/kg	92		3		30 (60)	150 (129)	30 (20)
Endrin aldehyde	19.49	0	19.7	ug/kg	101		5		30 (59)	150 (132)	30 (20)
alpha-Chlordane	19.49	0	19.6	ug/kg	101		6		30 (39)	150 (166)	30 (20)
gamma-Chlordane	19.49	0	20.4	ug/kg	105		6		30 (44)	150 (175)	30 (20)