

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3662</u>	Analytical Method:	<u>8081B</u>
Client:	<u>HDR, Inc.</u>	DataFile :	<u>PD091280.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Low	Limits	
			Result				Qual		Qual			High	RPD
Lab Sample ID:	Q3662-02MSD (Column 1)	Client Sample ID:		B3-0.0-1.0-20251117MSD									
	alpha-BHC	19.63	0	17.6	ug/kg	90		8			30 (60)	150 (144)	30 (15)
	beta-BHC	19.63	0	17.2	ug/kg	88		0			30 (54)	150 (143)	30 (15)
	delta-BHC	19.63	0	16.7	ug/kg	85		18			30 (47)	150 (129)	30 (20)
	gamma-BHC (Lindane)	19.63	0	17.2	ug/kg	88		10			30 (39)	150 (136)	30 (30)
	Heptachlor	19.63	0	10.3	ug/kg	52		10			30 (33)	150 (148)	30 (20)
	Aldrin	19.63	0	17.5	ug/kg	89		0			30 (38)	150 (139)	30 (30)
	Heptachlor epoxide	19.63	0	16.9	ug/kg	86		1			30 (23)	150 (155)	30 (16)
	Endosulfan I	19.63	0	16.4	ug/kg	84		9			30 (30)	150 (142)	30 (15)
	Dieldrin	19.63	0	16.9	ug/kg	86		1			30 (32)	150 (140)	30 (20)
	4,4'-DDE	19.63	0.26	17.1	ug/kg	86		2			30 (20)	150 (156)	30 (16)
	Endrin	19.63	0	17.7	ug/kg	90		1			30 (57)	150 (139)	30 (16)
	Endosulfan II	19.63	0	16.2	ug/kg	83		9			30 (41)	150 (125)	30 (15)
	4,4'-DDD	19.63	0	15.5	ug/kg	79		8			30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	19.63	0	14.2	ug/kg	72		18			30 (43)	150 (125)	30 (15)
	4,4'-DDT	19.63	0.21	11.6	ug/kg	58		32	*		30 (25)	150 (149)	30 (15)
	Methoxychlor	19.63	0	10.2	ug/kg	52		21			30 (32)	150 (132)	30 (20)
	Endrin ketone	19.63	0	13.4	ug/kg	68		34	*		30 (27)	150 (142)	30 (15)
	Endrin aldehyde	19.63	0	10.0	ug/kg	51		43	*		30 (19)	150 (148)	30 (15)
	alpha-Chlordane	19.63	0	17.6	ug/kg	90		2			30 (26)	150 (147)	30 (20)
	gamma-Chlordane	19.63	0	17.5	ug/kg	89		2			30 (30)	150 (142)	30 (15)
Lab Sample ID:	Q3662-02MSD (Column 2)	Client Sample ID:		B3-0.0-1.0-20251117MSD									
	alpha-BHC	19.63	0	17.9	ug/kg	91		7			30 (60)	150 (144)	30 (15)
	beta-BHC	19.63	0	18.0	ug/kg	92		2			30 (54)	150 (143)	30 (15)
	delta-BHC	19.63	0	16.7	ug/kg	85		18			30 (47)	150 (129)	30 (20)
	gamma-BHC (Lindane)	19.63	0	17.3	ug/kg	88		10			30 (39)	150 (136)	30 (30)
	Heptachlor	19.63	0	11.0	ug/kg	56		11			30 (33)	150 (148)	30 (20)
	Aldrin	19.63	0	18.0	ug/kg	92		1			30 (38)	150 (139)	30 (30)
	Heptachlor epoxide	19.63	0	17.6	ug/kg	90		1			30 (23)	150 (155)	30 (16)
	Endosulfan I	19.63	0	15.9	ug/kg	81		8			30 (30)	150 (142)	30 (15)
	Dieldrin	19.63	0	17.7	ug/kg	90		1			30 (32)	150 (140)	30 (20)
	4,4'-DDE	19.63	0.36	17.8	ug/kg	89		1			30 (20)	150 (156)	30 (16)
	Endrin	19.63	0	16.7	ug/kg	85		4			30 (57)	150 (139)	30 (16)
	Endosulfan II	19.63	0	16.3	ug/kg	83		8			30 (41)	150 (125)	30 (15)
	4,4'-DDD	19.63	0	14.0	ug/kg	71		7			30 (47)	150 (163)	30 (20)
	Endosulfan sulfate	19.63	0	13.6	ug/kg	69		17			30 (43)	150 (125)	30 (15)

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Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Low	Limits	
		Result	Result				RPD	Qual		High	RPD
4,4'-DDT	19.63	0.79	11.5	ug/kg	55		27		30 (25)	150 (149)	30 (15)
Methoxychlor	19.63	0	9.50	ug/kg	48		18		30 (32)	150 (132)	30 (20)
Endrin ketone	19.63	0	11.8	ug/kg	60		29		30 (27)	150 (142)	30 (15)
Endrin aldehyde	19.63	0	9.90	ug/kg	50		44	*	30 (19)	150 (148)	30 (15)
alpha-Chlordane	19.63	0	18.1	ug/kg	92		0		30 (26)	150 (147)	30 (20)
gamma-Chlordane	19.63	0	20.2	ug/kg	103		1		30 (30)	150 (142)	30 (15)