ANALYTE	spk conc	W-spk vol	extract W	XMDL	S-spk vol	extract S	XMDL	W-MDL	S-MDL
	ppm	uL	ppm		uL	ppm		ppm	ppm
FL-PRO		**MDLV-WFLP**			**MDLV-SFLP**				
TRPH	8500	50	425	2.65625	200	850	3.26923077	160.0	260.0

		MDLV-CL1			MDLV-CL2		
ANALYTE	spk conc	spk	extract	XMDL	spk	extract	XMDL
PEST-CL	ppb	uL	ppb		uL	ppb	
Aldrin	200	10	8	1	30	24	3
Alpha-BHC	200	10	8	2	30	24	6
Alpha-Chlordane	200	10	8	4	30	24	12
Beta-BHC	200	10	8	0.4	30	24	1.2
Beta-Cyfluthrin	1000	10	40	1.33333333	30	120	4
Bifenthrin	200	10	8	1	30	24	3
Carbophenothion	200	10	8	0.4	30	24	1.2
Chlorothalonil	200	10	8	2	30	24	6
Cis-Nonachlor	200	10	8	4	30	24	12
Cypermethrin	1000	10	40	1	30	120	3
Dacthal	200	10	8	4	30	24	12
DDD-p,p'	200	10	8	0.66666667	30	24	2
DDE-p,p'	200	10	8	0.66666667	30	24	2
DDT-p,p'	200	10	8	0.57142857	30	24	1.71428571
Delta-BHC	200	10	8	0.5	30	24	1.5
Deltamethrin	1000	10	40	#DIV/0!	30	120	#DIV/0!
Dicofol	1000	10	40	0.66666667	30	120	2
Dieldrin	200	10	8	1	30	24	3
Endosulfan I	200	10	8	1	30	24	3
Endosulfan II	200	10	8	1	30	24	3
Endosulfan Sulfate	200	10	8	2	30	24	6
Endrin	200	10	8	2	30	24	6
Endrin Aldehyde	200	10	8	2	30	24	6
Endrin Ketone	200	10	8	2	30	24	6
Ethalfluralin	200	10	8	1.33333333	30	24	4
Gamma-BHC	200	10	8	0.5	30	24	1.5
Gamma-Chlordane	200	10	8	4	30	24	12
Heptachlor	200	10	8	2.66666667	30	24	8
Heptachlor Epoxide	200	10	8	2	30	24	6
Hexachlorobenzene	200	10	8	2	30	24	6
Lambda-Cyhallothrin	1000	10	40	1.33333333	30	120	4
Methoxychlor	200	10	8	1	30	24	3
Mirex	200	10	8	2	30	24	6
Permethrin	1000	10	40	2	30	120	6
Phenothrin	1000	10	40	0.66666667	30	120	2
Prallethrin	1000	10	40	0.66666667	30	120	2
Trans-Nonachlor	200	10	8	4	30	24	12
Trifluralin	200	10	8	1.6	30	24	4.8
Aroclors		MDLV-PCB					
PCB-1016	2000	15	120	1.84615385			
PCB-1221	2000	15	120	1.84615385			
PCB-1232	2000	15	120	1.84615385			
PCB-1242	2000	15	120	1.84615385			
PCB-1248	2000	15	120	1.84615385			
PCB-1254	2000	15	120	1.84615385			
PCB-1260	2000	15	120	1.84615385			

	MDLV-DLD			
W-MDL	DLD spk	extract W	XMDL	W-MDL
PPB	uL	ppb		PPB
8.0	20	3.2	2.13333333	1.5
4.0			#DIV/0!	
2.0			#DIV/0!	
20.0			#DIV/0!	
30.0			#DIV/0!	
8.0			#DIV/0!	
20.0			#DIV/0!	
4.0			#DIV/0!	
2.0			#DIV/0!	
40			#DIV/0!	
2.0			#DIV/0!	
12.0			#DIV/0!	
12.0			#DIV/0!	
14.0			#DIV/0!	
16.0			#DIV/0!	
			#DIV/0!		to be validated again
60			#DIV/0!	
8.0	20	3.2	4	0.80
8.0			#DIV/0!	
8.0			#DIV/0!	
4.0			#DIV/0!	
4.0			#DIV/0!	
4.0			#DIV/0!	
4.0			#DIV/0!	
6.0			#DIV/0!	
16.0			#DIV/0!	
2.0			#DIV/0!	
3.0			#DIV/0!	
4.0			#DIV/0!	
4.0			#DIV/0!	
30.0			#DIV/0!	
8.0			#DIV/0!	
4.0			#DIV/0!	
20			#DIV/0!	
60.0			#DIV/0!	
60.0			#DIV/0!	
2.0			#DIV/0!	
5.0			#DIV/0!	
65				
65				
65				
65				
65				
65				
65				

		use	MDLV-CL1B			MDLV-CL2B			MDLV-CL3C			
ANALYTE	spk conc	5xdil spk	5X dil-spk	extract S	XMDL	5X dil-spk	extract S	XMDL	5X dil-spk	extract S	XMDL	S-MDL
PEST-CL	ppb	ppb	uL	ppb		uL	ppb		uL	ppb		ppb
Aldrin	200	40	45	0.9	0.409090909	160	3.2	1.454545455	400	8	3.636363636	2.20
Alpha-BHC	200	40	45	0.9	1.8	160	3.2	6.4	400	8	16	0.50
Alpha-Chlordane	200	40	45	0.9	1.8	160	3.2	6.4	400	8	16	0.50
Beta-BHC	200	40	45	0.9	1.8	160	3.2	6.4	400	8	16	0.50
Bifenthrin	200	40	45	0.9	3	160	3.2	10.66666667	400	8	26.66666667	0.30
Carbophenothion	200	40	45	0.9	0.6	160	3.2	2.133333333	400	8	5.333333333	1.50
Chlorothalonil	200	40	45	0.9	0.18	160	3.2	0.64	400	8	1.6	5.00
Cis-Nonachlor	200	40	45	0.9	0.9	160	3.2	3.2	400	8	8	1.00
Cypermethrin	1000	200	45	4.5	1.8	160	16	6.4	400	40	16	2.50
DDD-p,p'	200	40	45	0.9	1.8	160	3.2	6.4	400	8	16	0.50
DDE-p,p'	200	40	45	0.9	1.8	160	3.2	6.4	400	8	16	0.50
DDT-p,p'	200	40	45	0.9	0.3	160	3.2	1.066666667	400	8	2.666666667	3.00
Delta-BHC	200	40	45	0.9	0.09	160	3.2	0.32	400	8	0.8	10
Dicofol	1000	200	45	4.5	0.409090909	160	16	1.454545455	400	40	3.636363636	11.00
Dieldrin	200	40	45	0.9	0.18	160	3.2	0.64	400	8	1.6	5.00
Endosulfan I	200	40	45	0.9	0.18	160	3.2	0.64	400	8	1.6	5.00
Endosulfan II	200	40	45	0.9	0.18	160	3.2	0.64	400	8	1.6	5.00
Endosulfan Sulfate	200	40	45	0.9	0.45	160	3.2	1.6	400	8	4	2.00
Endrin	200	40	45	0.9	0.225	160	3.2	0.8	400	8	2	4.00
Endrin Aldehyde	200	40	45	0.9	0.225	160	3.2	0.8	400	8	2	4.00
Endrin Ketone	200	40	45	0.9	0.225	160	3.2	0.8	400	8	2	4.00
Ethalfluralin	200	40	45	0.9	0.9	160	3.2	3.2	400	8	8	1.00
Gamma-BHC	200	40	45	0.9	1.8	160	3.2	6.4	400	8	16	0.50
Gamma-Chlordane	200	40	45	0.9	1.8	160	3.2	6.4	400	8	16	0.50
Heptachlor	200	40	45	0.9	1.8	160	3.2	6.4	400	8	16	0.50
Heptachlor Epoxide	200	40	45	0.9	0.9	160	3.2	3.2	400	8	8	1.00
Hexachlorobenzene	200	40	45	0.9	0.9	160	3.2	3.2	400	8	8	1.00
Methoxychlor	200	40	45	0.9	1.8	160	3.2	6.4	400	8	16	0.50
Mirex	200	40	45	0.9	0.45	160	3.2	1.6	400	8	4	2.00
Permethrin	1000	200	45	4.5	1.5	160	16	5.333333333	400	40	13.33333333	3.00
Trans-Nonachlor	200	40	45	0.9	0.9	160	3.2	3.2	400	8	8	1.00
Trifluralin	200	40	45	0.9	0.45	160	3.2	1.6	400	8	4	2.00
Aroclors			MDLV-PCB									
PCB-1016	2000		40	40	1.904761905							21
PCB-1221	2000		40	40	1.904761905							21
PCB-1232	2000		40	40	1.904761905							21
PCB-1242	2000		40	40	1.904761905							21
PCB-1248	2000		40	40	1.904761905							21
PCB-1254	2000		40	40	1.904761905							21
PCB-1260	2000		40	40	1.904761905							21

MDLV-CL4

use LFB-1 ; report SRM MDLV-CL4

	spike	50 ppb	MDLV-WNP18			MDLV-WNP28			MDLV-WNP30					MDLV-WNP4
ANALYTE	ppb conc	Add Lab	SIB Vol	Extract	XMDL	SIB Vol	Extract	XMDL	SIB Vol	Extract	XMDL		MDL	
M-PSNP-TQ	ppb	ppb	ul	ppb		ul	ppb		ul	ppb			ppb	
Acetochlor	80	20	15	1.2	1.2	50	4	4	100	8	8		1.0	
Alachlor	160	60	15	3.6	3.6	50	11	12	100	36	36		1.5	
Ametryn	80	50	15	1.5	1.5	50	4	3.666666667	100	8	8	3.333333333	1.4	
Atrazine	80	50	15	1.5	1.5	50	4	4	100	8	8		1.5	
Atrazine Desethyl	320	80	15	2.4	2.4	50	16	7.666666667	100	32	32	5.333333333	2.5	
Azoxystrobin Methyl	320	80	15	2.4	2.4	50	16	8	100	32	32		2.5	
Bromacil	160	60	15	2.4	2.4	50	8	8	100	16	16		2.5	
Butralin	80	30	15	1.2	0.75	50	4	3.5	100	8	5		1.5	
Carbofuranphenol	160	60	15	2.4	2.4	50	8	8	100	16	16		2.5	
Chlorantraniliprole Ethyl	80	30	15	1.2	1.2	50	4	4	100	8	8		1.00	
Chlorantraniliprole Methyl	40	10	15	0.6	0.6	50	2	10	100	4	20		2.20	
Cyanazine	80	30	15	1.2	0.282307692	50	4	0.307692308	100	8	0.615384615		13.0	Isobomeol level 1c. use LFB
Cymoxanil	160	70	15	4.2	4.2	50	14	7.333333333	100	28	4.666666667		6.0	
Diazinon	80	30	15	1.2	2.4	50	4	8	100	8	16		6.50	
Dimethenamid	40	10	15	0.6	1.5	50	2	5	100	4	10		3.40	
Disulfoton	40	10	15	0.6	0.3	50	2	1	100	4	2		2.0	
Diflufenzopyr	80	20	15	1.2	2	50	4	10	100	8	20		0.4	
EPTC	160	60	15	2.4	0.48	50	8	1.6	100	16	3.2		5.0	
Ethion	80	30	15	1.5	1.5	50	4	3.666666667	100	8	13.33333333		4.44	
Ethoprop	80	50	15	2.5	2.5	50	5	5	100	8	40		6.40	
Fenamiphos	80	30	15	1.5	0.6	50	4	2	100	8	4		1.5	
Fipronil	80	50	15	1.5	1.2	50	4	4	100	8	8		1.5	
Fipronil Desulfinyl	80	50	15	1.5	1.2	50	4	4	100	8	16		6.5	
Fipronil Sulfide	40	10	15	0.6	1	50	2	3.333333333	100	4	6.666666667		0.60	
Fipronil Sulfone	40	10	15	0.6	1	50	2	3.333333333	100	4	6.666666667		0.60	
Flumioxazin	160	60	15	3.6	0.514285714	50	11	1.714285714	100	36	2.428571429		7.0	
Fonofos	80	0	15	0.3	0.375	50	1	1.25	100	3	4.5		0.90	
Glyphosate	160	60	15	3.6	1.8	50	11	6	100	36	18		3.75	
Imazalil	80	30	15	1.5	0.6	50	4	2.000000000	100	8	3.000000000		1.2	
Malathion	80	30	15	1.2	0.857142857	50	4	2.857142857	100	8	5.714285714		1.4	
Metalaxyl	320	80	15	4.8	4	50	16	5.333333333	100	32	10.66666667		2.00	
Methamidophos	320	80	15	4.8	#DIV/0!	50	16	#DIV/0!	100	32	#DIV/0!			
Methiocarb	160	60	15	3.6	3.6	50	11	12	100	36	72		2.5	
Metribuzin	160	60	15	2.4	0.384615385	50	8	0.615384615	100	16	1.230769231		0.50	
Mevinphos	80	20	15	1.2	1	50	4	3	100	8	4		2.0	
Molinate	80	30	15	1.2	1	50	4	3.333333333	100	8	6.666666667		1.2	
Myclobutanil	320	80	15	4.8	#DIV/0!	50	16	#DIV/0!	100	32	#DIV/0!			
Naled	160	60	15	2.4	0.6	50	8	1.333333333	100	16	2.666666667		0.5	new
Norflurazon	160	60	15	3.6	3.6	50	11	12	100	36	60		2.5	
Oxadiazon	80	30	15	1.5	1	50	4	10	100	8	20		0.4	
Parathion Ethyl	40	10	15	0.6	0.6	50	2	2	100	4	4		0.6	
Parathion Methyl	80	30	15	1.2	0.545454545	50	4	1.818181818	100	8	3.636363636		2.2	
Pendimethalin	80	40	15	1.2	0.6	50	4	2	100	8	4		2.0	
Phorate	40	10	15	0.6	0.6	50	2	2	100	4	4		1.20	
Propiconazole	80	30	15	1.2	0.514285714	50	4	1.714285714	100	8	11.42857143		0.5	
Prometon	80	30	15	1.2	0.666666667	50	4	2.222222222	100	8	4.444444444		2.2	
Prometryn	80	50	15	1.5	1.5	50	4	4	100	8	10		0.40	
Pronamide	80	30	15	1.2	1	50	4	3.333333333	100	8	6.666666667		1.2	
Propoxycarbazone	80	50	15	1.5	0.6	50	4	2	100	8	4		2.0	
Simazine	80	30	15	1.5	0.6	50	4	2	100	8	4		1.0	
Sulfentrazone	160	60	15	3.6	1.8	50	11	6	100	36	18		3.0	
Tebuconazole	80	30	15	1.2	1.2	50	4	4	100	8	8		1.0	
Terbufos	40	10	15	0.6	0.3	50	2	1	100	4	10		0.40	
Terbuthylazine	80	30	15	1.2	0.702857143	50	4	2.342857143	100	8	4.702857143		1.7	

Employee	Total	Week 1 (MON-FRI)			Week 2 (MON-FRI)			Week 3 (MON-FRI)					
Employee ID	Shift Hrs	Shift Hours	Overtime Hrs	Vacation	Shift Hours	Overtime Hrs	Vacation	Shift Hours	Overtime Hrs	Vacation	Vacation Hrs	Sick Days	Sick Hours
Employee 1	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 2	160	40	0	Week Off	40	0	Week Off	40	0	Week Off	0	0	0
Employee 3	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 4	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 5	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 6	160	40	0	Week Off	40	0	Week Off	40	0	Week Off	0	0	0
Employee 7	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 8	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 9	160	40	0	Week Off	40	0	Week Off	40	0	Week Off	0	0	0
Employee 10	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 11	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 12	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 13	160	40	0	Week Off	40	0	Week Off	40	0	Week Off	0	0	0
Employee 14	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 15	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 16	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 17	160	40	0	Week Off	40	0	Week Off	40	0	Week Off	0	0	0
Employee 18	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 19	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 20	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 21	160	40	0	Week Off	40	0	Week Off	40	0	Week Off	0	0	0
Employee 22	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 23	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 24	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 25	160	40	0	Week Off	40	0	Week Off	40	0	Week Off	0	0	0
Employee 26	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 27	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 28	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 29	160	40	0	Week Off	40	0	Week Off	40	0	Week Off	0	0	0
Employee 30	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 31	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 32	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 33	160	40	0	Week Off	40	0	Week Off	40	0	Week Off	0	0	0
Employee 34	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 35	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 36	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 37	160	40	0	Week Off	40	0	Week Off	40	0	Week Off	0	0	0
Employee 38	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 39	160	40	0	0	40	0	0	40	0	0	0	0	0
Employee 40	160	40	0	0	40	0	0	40	0	0	0	0	0

		TISSUE MDL VER			
ANALYTE	spk conc	T-spk vol	extract	XMDL	T-MDL
PCBCL	ppb	uL	ppb		ppb
Aldrin	100	40	2	2	1
Alpha-BHC	100	40	2	4	0.5
Cis/Alpha-Chlordane	100	40	2	2	1
Beta-BHC	100	40	2	2.5	0.8
DDD-p,p'	100	40	2	2	1
DDE-p,p'	100	40	2	4	0.5
Delta-BHC	100	40	2	2.5	0.8
Dieldrin	100	40	2	1	2
Endosulfan I	100	40	2	1	2
Endosulfan II	100	40	2	1	2
Endosulfan Sulfate	100	40	2	2	1
Endrin Aldehyde	100	40	2	1	2
Endrin Ketone	100	40	2	1	2
Gamma-BHC	100	40	2	4	0.5
Trans/Gamma-Chlordane	100	40	2	2	1
Heptachlor	100	40	2	2.5	0.8
Heptachlor Epoxide	100	40	2	2	1
Methoxychlor	100	40	2	1	2
Hexachlorobenzene	100	40	2	2	1
Cis-Nonachlor	100	40	2	1	2
Trans-Nonachlor	100	40	2	1	2
DDE-o,p'	100	40	2	4	0.5
DDD-o,p'	100	40	2	4	0.5
DDT-p,p'	100	40	2	2	1
DDT-o,p'	100	40	2	2	1
Endrin	100	40	2	1	2
Mirex	100	40	2	2	1
PCB-8	100	40	2	2	1
PCB-18	100	40	2	2	1
PCB-28	100	40	2	2.5	0.8
PCB-52	100	40	2	1	2
PCB-44	100	40	2	4	0.5
PCB-66	100	40	2	4	0.5
PCB-101	100	40	2	4	0.5
PCB-118	100	40	2	4	0.5
PCB-153	100	40	2	4	0.5
PCB-105	100	40	2	4	0.5
PCB-138	100	40	2	4	0.5
PCB-187	100	40	2	2.5	0.8
PCB-128	100	40	2	2.5	0.8
PCB-180	100	40	2	2.5	0.8
PCB-169	100	40	2	4	0.5
PCB-170	100	40	2	2.5	0.8
PCB-195	100	40	2	2.5	0.8
PCB-206	100	40	2	2.5	0.8
PCB-209	100	40	2	#DIV/0!	
PCB-77	100	40	2	4	0.5
PCB-126	100	40	2	4	0.5
TMX-surrogate	200	200	20	#DIV/0!	
DCB-surrogate	200	200	20	#DIV/0!	