



**Food Safety and Environmental Stewardship Program**

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## Certificate of Analysis

**Client Report For:** MyExposome  
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USA  
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**Project Name:** MyExposome PO 225  
**Project Number:** F20-08  
**Report Date:** July 09 2020  
**Analysis Approval Date:**  
**Sample Received Date:** 03/13/20

*Lane Fitchell*

7-16-2020

QC Review

Date

*Kim A. Anderson*

7/25/2020

FSES Director Approval: Kim A. Anderson

Date

## Methodology:

SOP 404.06: Determination of Pesticides and Organochlorine Compounds by GC/ECD

## Unit Conversions:

ppb = parts per billion  
ppm = parts per million  
ppt = parts per trillion  
ng/g = ppb  
ng/L = ppt  
ng/mL = ppb  
ng/ $\mu$ L = ppm  
ng/g(Wristband) = ppb  
pg/ $\mu$ L = ppb  
 $\mu$ g/mL = ppm

## Abbreviations:

J flag: Indicates lower precision in quantitation due to values near limits of detection or matrix effects.  
B flag: The sample was background corrected.  
U\* flag: Indicates confirmed presence of the chemical but inability to quantify due to matrix interference.  
Y flag: Indicates a chemical is present but quantitation is not possible.  
< 123.45 U: Detection limit, indicates value was below limit of detection.

## COA Notes:

### Pesticide

Continuing calibration verification (CV) analysis was performed at the start and end of every analytical batch or after a maximum of 15 samples. A total of three CVs were analyzed as part of the complete project; in all cases, CVs met FSES data quality objectives (DQOs) with an average of 79% of the target analytes being within 30% of the known value.

Instrument blanks (IBs) were analyzed after each CV. A total of six IBs were analyzed, in all cases all target analytes were below the method limits of quantitation, meeting FSES DQO's.

To demonstrate instrument accuracy one over-spike analysis was performed where the sample was spiked with target compounds post extraction. Average percent recovery was 26%.

To demonstrate precision, a duplicate analysis was performed on one sample. The average relative percent deviation was 0.09%.

A lab processing blank and a reagent blank were processed and analyzed within this batch. Analysis of the lab processing blank resulted in all target analytes being below the method limits of quantitation.

<b>Client Sample Name:</b> DCA_1103		<b>Test Method:</b> Determination of Pesticides by GC/ECD	
<b>FSES Sample ID:</b> A200555		<b>Date Received:</b> 03/13/20	
		<b>Matrix:</b> Passive Sampling Device - Personal	
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.49 U	Ethoprophos	< 5.90 U
4,4'-DDD	< 0.946 U	Etridiazole	< 0.784 U
4,4'-DDE	< 0.388 U	Fenitrothion	< 0.630 U
4,4'-DDT	< 0.268 U	Fipronil	< 1.16 U
acetamiprid	< 3.11 U	Fipronil-sulfide	< 0.821 U
Alachlor	< 1.32 U	Fipronil-sulfone	< 0.779 U
Aldrin	< 2.62 U	Fonofos	< 1.70 U
alpha-BHC	< 0.0983 U	gamma-Chlordane	< 0.263 U
alpha-Chlordane	< 0.271 U	HCCPD	< 0.819 U
Atrazine	< 3.51 U	Heptachlor	< 0.667 U
beta-BHC	< 0.213 U	Heptachlor epoxide	< 0.138 U
Bifenthrin	< 0.880 U	Hexachlorobenzene	< 0.173 U
Captafol	< 3.22 U	Imidan	< 0.412 U
Captan	< 10.9 U	Iprodione	< 3.19 U
Chlorobenzilate	< 2.79 U	Isodrin	< 0.0797 U
Chloroneb	< 2.62 U	L-Cyhalothrin	< 2.84 U
Chloropropylate	< 1.48 U	Lindane	< 0.0399 U
Chlorothalonil	< 0.920 U	Malathion	< 17.2 U
Chlorpyrifos	< 0.484 U	Methoxychlor	< 0.726 U
Chlorpyrifos Methyl	< 0.372 U	Metolachlor	< 10.4 U
cis-Permethrin	116	Mirex	< 0.393 U
Cyfluthrin	< 0.675 U	o,p'-Dicofol	< 2.79 U
Cypermethrin	< 1.35 U	Oxadiazon	< 0.784 U
Dacthal	< 0.356 U	p,p'-Dicofol	< 5.55 U
delta-BHC	< 0.159 U	Parathion-ethyl	< 1.71 U
deltamethrin and tralomethrin	< 1.46 U	Parathion-methyl	< 3.16 U
Diallate I	< 5.55 U	Pendimethalin	< 1.76 U
Diazinon	< 8.80 U	Pentachloronitrobenzene	< 0.489 U
Dieldrin	< 0.146 U	Perthane	< 15.6 U
Dimethoate	< 0.473 U	Phorate	< 2.20 U
Endosulfan I	< 0.101 U	Propachlor	< 1.52 U
Endosulfan II	< 0.290 U	Propanil	< 2.87 U
Endosulfan sulfate	< 0.388 U	Simazine	< 5.61 U
Endrin	< 0.566 U	trans-Nonachlor	< 0.287 U
Endrin aldehyde	< 0.117 U	trans-Permethrin	180
Endrin ketone	< 0.486 U	Trifluralin	< 0.805 U
Esfenvalerate	< 1.62 U	Vinclozolin	< 10.2 U
Ethion	< 1.39 U		

Client Sample Name: KDA_1118		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A200556		Date Received:	03/13/20
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.49 U	Ethoprophos	< 5.90 U
4,4'-DDD	< 0.946 U	Etridiazole	< 0.784 U
4,4'-DDE	< 0.388 U	Fenitrothion	< 0.630 U
4,4'-DDT	< 0.268 U	Fipronil	< 1.16 U
acetamiprid	< 3.11 U	Fipronil-sulfide	< 0.821 U
Alachlor	< 1.32 U	Fipronil-sulfone	< 0.779 U
Aldrin	< 2.62 U	Fonofos	< 1.70 U
alpha-BHC	< 0.0983 U	gamma-Chlordane	< 0.263 U
alpha-Chlordane	< 0.271 U	HCCPD	< 0.819 U
Atrazine	< 3.51 U	Heptachlor	< 0.667 U
beta-BHC	< 0.213 U	Heptachlor epoxide	< 0.138 U
Bifenthrin	< 0.880 U	Hexachlorobenzene	< 0.173 U
Captafol	< 3.22 U	Imidan	< 0.412 U
Captan	< 10.9 U	Iprodione	< 3.19 U
Chlorobenzilate	< 2.79 U	Isodrin	< 0.0797 U
Chloroneb	< 2.62 U	L-Cyhalothrin	< 2.84 U
Chloropropylate	< 1.48 U	Lindane	< 0.0399 U
Chlorothalonil	< 0.920 U	Malathion	< 17.2 U
Chlorpyrifos	< 0.484 U	Methoxychlor	< 0.726 U
Chlorpyrifos Methyl	< 0.372 U	Metolachlor	< 10.4 U
cis-Permethrin	< 0.194 U	Mirex	< 0.393 U
Cyfluthrin	< 0.675 U	o,p'-Dicofol	< 2.79 U
Cypermethrin	< 1.35 U	Oxadiazon	< 0.784 U
Dacthal	< 0.356 U	p,p'-Dicofol	< 5.55 U
delta-BHC	< 0.159 U	Parathion-ethyl	< 1.71 U
deltamethrin and tralomethrin	< 1.46 U	Parathion-methyl	< 3.16 U
Diallate I	< 5.55 U	Pendimethalin	< 1.76 U
Diazinon	< 8.80 U	Pentachloronitrobenzene	< 0.489 U
Dieldrin	< 0.146 U	Perthane	< 15.6 U
Dimethoate	< 0.473 U	Phorate	< 2.20 U
Endosulfan I	< 0.101 U	Propachlor	< 1.52 U
Endosulfan II	< 0.290 U	Propanil	< 2.87 U
Endosulfan sulfate	< 0.388 U	Simazine	< 5.61 U
Endrin	< 0.566 U	trans-Nonachlor	< 0.287 U
Endrin aldehyde	< 0.117 U	trans-Permethrin	< 0.338 U
Endrin ketone	< 0.486 U	Trifluralin	217 J
Esfenvalerate	< 1.62 U	Vinclozolin	< 10.2 U
Ethion	< 1.39 U		

Client Sample Name: KPU_0816		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A200557		Date Received:	03/13/20
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.49 U	Ethoprophos	< 5.90 U
4,4'-DDD	3.00 J	Etridiazole	< 0.784 U
4,4'-DDE	< 0.388 U	Fenitrothion	< 0.630 U
4,4'-DDT	< 0.268 U	Fipronil	< 1.16 U
acetamiprid	< 3.11 U	Fipronil-sulfide	< 0.821 U
Alachlor	< 1.32 U	Fipronil-sulfone	< 0.779 U
Aldrin	< 2.62 U	Fonofos	< 1.70 U
alpha-BHC	< 0.0983 U	gamma-Chlordane	< 0.263 U
alpha-Chlordane	< 0.271 U	HCCPD	< 0.819 U
Atrazine	< 3.51 U	Heptachlor	< 0.667 U
beta-BHC	< 0.213 U	Heptachlor epoxide	< 0.138 U
Bifenthrin	< 0.880 U	Hexachlorobenzene	< 0.173 U
Captafol	< 3.22 U	Imidan	< 0.412 U
Captan	< 10.9 U	Iprodione	< 3.19 U
Chlorobenzilate	< 2.79 U	Isodrin	< 0.0797 U
Chloroneb	< 2.62 U	L-Cyhalothrin	< 2.84 U
Chloropropylate	< 1.48 U	Lindane	< 0.0399 U
Chlorothalonil	< 0.920 U	Malathion	< 17.2 U
Chlorpyrifos	< 0.484 U	Methoxychlor	< 0.726 U
Chlorpyrifos Methyl	< 0.372 U	Metolachlor	< 10.4 U
cis-Permethrin	< 0.194 U	Mirex	< 0.393 U
Cyfluthrin	< 0.675 U	o,p'-Dicofol	< 2.79 U
Cypermethrin	< 1.35 U	Oxadiazon	< 0.784 U
Dacthal	< 0.356 U	p,p'-Dicofol	< 5.55 U
delta-BHC	< 0.159 U	Parathion-ethyl	< 1.71 U
deltamethrin and tralomethrin	< 1.46 U	Parathion-methyl	< 3.16 U
Diallate I	< 5.55 U	Pendimethalin	< 1.76 U
Diazinon	< 8.80 U	Pentachloronitrobenzene	< 0.489 U
Dieldrin	< 0.146 U	Perthane	< 15.6 U
Dimethoate	< 0.473 U	Phorate	< 2.20 U
Endosulfan I	< 0.101 U	Propachlor	< 1.52 U
Endosulfan II	< 0.290 U	Propanil	< 2.87 U
Endosulfan sulfate	< 0.388 U	Simazine	< 5.61 U
Endrin	< 0.566 U	trans-Nonachlor	< 0.287 U
Endrin aldehyde	< 0.117 U	trans-Permethrin	< 0.338 U
Endrin ketone	< 0.486 U	Trifluralin	< 0.805 U
Esfenvalerate	< 1.62 U	Vinclozolin	< 10.2 U
Ethion	< 1.39 U		

Client Sample Name: DDA_0823		Test Method: Determination of Pesticides by GC/ECD	
FSES Sample ID: A200558		Date Received: 03/13/20	
		Matrix: Passive Sampling Device - Personal	
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.49 U	Ethoprophos	< 5.90 U
4,4'-DDD	< 0.946 U	Etridiazole	< 0.784 U
4,4'-DDE	< 0.388 U	Fenitrothion	< 0.630 U
4,4'-DDT	< 0.268 U	Fipronil	< 1.16 U
acetamiprid	< 3.11 U	Fipronil-sulfide	< 0.821 U
Alachlor	< 1.32 U	Fipronil-sulfone	< 0.779 U
Aldrin	< 2.62 U	Fonofos	< 1.70 U
alpha-BHC	< 0.0983 U	gamma-Chlordane	< 0.263 U
alpha-Chlordane	< 0.271 U	HCCPD	< 0.819 U
Atrazine	< 3.51 U	Heptachlor	< 0.667 U
beta-BHC	< 0.213 U	Heptachlor epoxide	< 0.138 U
Bifenthrin	< 0.880 U	Hexachlorobenzene	< 0.173 U
Captafol	< 3.22 U	Imidan	< 0.412 U
Captan	< 10.9 U	Iprodione	< 3.19 U
Chlorobenzilate	< 2.79 U	Isodrin	< 0.0797 U
Chloroneb	< 2.62 U	L-Cyhalothrin	< 2.84 U
Chloropropylate	< 1.48 U	Lindane	< 0.0399 U
Chlorothalonil	< 0.920 U	Malathion	< 17.2 U
Chlorpyrifos	6.09	Methoxychlor	< 0.726 U
Chlorpyrifos Methyl	< 0.372 U	Metolachlor	< 10.4 U
cis-Permethrin	< 0.194 U	Mirex	< 0.393 U
Cyfluthrin	< 0.675 U	o,p'-Dicofol	< 2.79 U
Cypermethrin	< 1.35 U	Oxadiazon	< 0.784 U
Dacthal	< 0.356 U	p,p'-Dicofol	< 5.55 U
delta-BHC	< 0.159 U	Parathion-ethyl	< 1.71 U
deltamethrin and tralomethrin	< 1.46 U	Parathion-methyl	< 3.16 U
Diallate I	< 5.55 U	Pendimethalin	< 1.76 U
Diazinon	< 8.80 U	Pentachloronitrobenzene	< 0.489 U
Dieldrin	< 0.146 U	Perthane	< 15.6 U
Dimethoate	< 0.473 U	Phorate	< 2.20 U
Endosulfan I	< 0.101 U	Propachlor	< 1.52 U
Endosulfan II	< 0.290 U	Propanil	< 2.87 U
Endosulfan sulfate	< 0.388 U	Simazine	< 5.61 U
Endrin	< 0.566 U	trans-Nonachlor	< 0.287 U
Endrin aldehyde	< 0.117 U	trans-Permethrin	< 0.338 U
Endrin ketone	< 0.486 U	Trifluralin	< 0.805 U
Esfenvalerate	< 1.62 U	Vinclozolin	< 10.2 U
Ethion	< 1.39 U		

Client Sample Name: DDA_0117		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A200559		Date Received:	03/13/20
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.04 U	Ethoprophos	< 5.31 U
4,4'-DDD	< 0.851 U	Etridiazole	< 0.705 U
4,4'-DDE	< 0.349 U	Fenitrothion	< 0.567 U
4,4'-DDT	< 0.241 U	Fipronil	< 1.04 U
acetamiprid	< 2.80 U	Fipronil-sulfide	< 0.739 U
Alachlor	< 1.18 U	Fipronil-sulfone	< 0.700 U
Aldrin	< 2.36 U	Fonofos	< 1.52 U
alpha-BHC	< 0.0884 U	gamma-Chlordane	< 0.237 U
alpha-Chlordane	< 0.244 U	HCCPD	< 0.736 U
Atrazine	< 3.16 U	Heptachlor	< 0.600 U
beta-BHC	< 0.191 U	Heptachlor epoxide	< 0.124 U
Bifenthrin	2180 J	Hexachlorobenzene	< 0.155 U
Captafol	< 2.89 U	Imidan	< 0.370 U
Captan	< 9.83 U	Iprodione	< 2.87 U
Chlorobenzilate	< 2.51 U	Isodrin	< 0.0717 U
Chloroneb	< 2.36 U	L-Cyhalothrin	< 2.56 U
Chloropropylate	< 1.33 U	Lindane	< 0.0359 U
Chlorothalonil	< 0.827 U	Malathion	< 15.5 U
Chlorpyrifos	7.67	Methoxychlor	< 0.653 U
Chlorpyrifos Methyl	< 0.335 U	Metolachlor	< 9.32 U
cis-Permethrin	< 0.174 U	Mirex	< 0.354 U
Cyfluthrin	< 0.607 U	o,p'-Dicofol	< 2.51 U
Cypermethrin	< 1.21 U	Oxadiazon	< 0.705 U
Dacthal	< 0.320 U	p,p'-Dicofol	< 5.00 U
delta-BHC	< 0.143 U	Parathion-ethyl	< 1.54 U
deltamethrin and tralomethrin	< 1.31 U	Parathion-methyl	< 2.84 U
Diallate I	< 5.00 U	Pendimethalin	< 1.58 U
Diazinon	< 7.91 U	Pentachloronitrobenzene	< 0.440 U
Dieldrin	< 0.131 U	Perthane	< 14.0 U
Dimethoate	< 0.426 U	Phorate	< 1.98 U
Endosulfan I	< 0.0908 U	Propachlor	< 1.37 U
Endosulfan II	< 0.260 U	Propanil	< 2.58 U
Endosulfan sulfate	< 0.349 U	Simazine	< 5.04 U
Endrin	< 0.509 U	trans-Nonachlor	< 0.258 U
Endrin aldehyde	< 0.105 U	trans-Permethrin	< 0.304 U
Endrin ketone	< 0.438 U	Trifluralin	< 0.724 U
Esfenvalerate	< 1.46 U	Vinclozolin	< 9.20 U
Ethion	< 1.25 U		

Client Sample Name: KPU_0307		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A200560		Date Received:	03/13/20
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.49 U	Ethoprophos	< 5.90 U
4,4'-DDD	< 0.946 U	Etridiazole	< 0.784 U
4,4'-DDE	< 0.388 U	Fenitrothion	< 0.630 U
4,4'-DDT	< 0.268 U	Fipronil	< 1.16 U
acetamiprid	< 3.11 U	Fipronil-sulfide	< 0.821 U
Alachlor	< 1.32 U	Fipronil-sulfone	< 0.779 U
Aldrin	< 2.62 U	Fonofos	< 1.70 U
alpha-BHC	< 0.0983 U	gamma-Chlordane	< 0.263 U
alpha-Chlordane	< 0.271 U	HCCPD	< 0.819 U
Atrazine	< 3.51 U	Heptachlor	< 0.667 U
beta-BHC	< 0.213 U	Heptachlor epoxide	< 0.138 U
Bifenthrin	< 0.880 U	Hexachlorobenzene	< 0.173 U
Captafol	< 3.22 U	Imidan	< 0.412 U
Captan	< 10.9 U	Iprodione	< 3.19 U
Chlorobenzilate	< 2.79 U	Isodrin	< 0.0797 U
Chloroneb	< 2.62 U	L-Cyhalothrin	< 2.84 U
Chloropropylate	< 1.48 U	Lindane	< 0.0399 U
Chlorothalonil	< 0.920 U	Malathion	< 17.2 U
Chlorpyrifos	< 0.484 U	Methoxychlor	< 0.726 U
Chlorpyrifos Methyl	< 0.372 U	Metolachlor	< 10.4 U
cis-Permethrin	< 0.194 U	Mirex	< 0.393 U
Cyfluthrin	< 0.675 U	o,p'-Dicofol	< 2.79 U
Cypermethrin	< 1.35 U	Oxadiazon	< 0.784 U
Dacthal	< 0.356 U	p,p'-Dicofol	< 5.55 U
delta-BHC	< 0.159 U	Parathion-ethyl	< 1.71 U
deltamethrin and tralomethrin	< 1.46 U	Parathion-methyl	< 3.16 U
Diallate I	< 5.55 U	Pendimethalin	< 1.76 U
Diazinon	< 8.80 U	Pentachloronitrobenzene	< 0.489 U
Dieldrin	< 0.146 U	Perthane	< 15.6 U
Dimethoate	< 0.473 U	Phorate	< 2.20 U
Endosulfan I	< 0.101 U	Propachlor	< 1.52 U
Endosulfan II	< 0.290 U	Propanil	< 2.87 U
Endosulfan sulfate	< 0.388 U	Simazine	< 5.61 U
Endrin	< 0.566 U	trans-Nonachlor	< 0.287 U
Endrin aldehyde	< 0.117 U	trans-Permethrin	< 0.338 U
Endrin ketone	< 0.486 U	Trifluralin	< 0.805 U
Esfenvalerate	< 1.62 U	Vinclozolin	< 10.2 U
Ethion	< 1.39 U		



Client Sample Name: ARO_0702		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A200561		Date Received:	03/13/20
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.49 U	Ethoprophos	< 5.90 U
4,4'-DDD	< 0.946 U	Etridiazole	< 0.784 U
4,4'-DDE	< 0.388 U	Fenitrothion	< 0.630 U
4,4'-DDT	< 0.268 U	Fipronil	< 1.16 U
acetamiprid	< 3.11 U	Fipronil-sulfide	< 0.821 U
Alachlor	< 1.32 U	Fipronil-sulfone	< 0.779 U
Aldrin	< 2.62 U	Fonofos	< 1.70 U
alpha-BHC	< 0.0983 U	gamma-Chlordane	< 0.263 U
alpha-Chlordane	< 0.271 U	HCCPD	< 0.819 U
Atrazine	< 3.51 U	Heptachlor	< 0.667 U
beta-BHC	< 0.213 U	Heptachlor epoxide	< 0.138 U
Bifenthrin	< 0.880 U	Hexachlorobenzene	< 0.173 U
Captafol	< 3.22 U	Imidan	< 0.412 U
Captan	< 10.9 U	Iprodione	< 3.19 U
Chlorobenzilate	< 2.79 U	Isodrin	< 0.0797 U
Chloroneb	< 2.62 U	L-Cyhalothrin	< 2.84 U
Chloropropylate	< 1.48 U	Lindane	< 0.0399 U
Chlorothalonil	< 0.920 U	Malathion	< 17.2 U
Chlorpyrifos	< 0.484 U	Methoxychlor	< 0.726 U
Chlorpyrifos Methyl	< 0.372 U	Metolachlor	< 10.4 U
cis-Permethrin	< 0.194 U	Mirex	< 0.393 U
Cyfluthrin	< 0.675 U	o,p'-Dicofol	< 2.79 U
Cypermethrin	< 1.35 U	Oxadiazon	< 0.784 U
Dacthal	< 0.356 U	p,p'-Dicofol	< 5.55 U
delta-BHC	< 0.159 U	Parathion-ethyl	< 1.71 U
deltamethrin and tralomethrin	< 1.46 U	Parathion-methyl	< 3.16 U
Diallate I	< 5.55 U	Pendimethalin	< 1.76 U
Diazinon	< 8.80 U	Pentachloronitrobenzene	< 0.489 U
Dieldrin	< 0.146 U	Perthane	< 15.6 U
Dimethoate	< 0.473 U	Phorate	< 2.20 U
Endosulfan I	< 0.101 U	Propachlor	< 1.52 U
Endosulfan II	< 0.290 U	Propanil	< 2.87 U
Endosulfan sulfate	< 0.388 U	Simazine	< 5.61 U
Endrin	< 0.566 U	trans-Nonachlor	< 0.287 U
Endrin aldehyde	< 0.117 U	trans-Permethrin	< 0.338 U
Endrin ketone	< 0.486 U	Trifluralin	< 0.805 U
Esfenvalerate	< 1.62 U	Vinclozolin	< 10.2 U
Ethion	< 1.39 U		

Client Sample Name: ARO_1213		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A200562		Date Received:	03/13/20
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.49 U	Ethoprophos	< 5.90 U
4,4'-DDD	< 0.946 U	Etridiazole	< 0.784 U
4,4'-DDE	< 0.388 U	Fenitrothion	< 0.630 U
4,4'-DDT	< 0.268 U	Fipronil	< 1.16 U
acetamiprid	< 3.11 U	Fipronil-sulfide	< 0.821 U
Alachlor	< 1.32 U	Fipronil-sulfone	< 0.779 U
Aldrin	< 2.62 U	Fonofos	< 1.70 U
alpha-BHC	< 0.0983 U	gamma-Chlordane	< 0.263 U
alpha-Chlordane	< 0.271 U	HCCPD	< 0.819 U
Atrazine	< 3.51 U	Heptachlor	< 0.667 U
beta-BHC	< 0.213 U	Heptachlor epoxide	< 0.138 U
Bifenthrin	< 0.880 U	Hexachlorobenzene	< 0.173 U
Captafol	< 3.22 U	Imidan	< 0.412 U
Captan	< 10.9 U	Iprodione	< 3.19 U
Chlorobenzilate	< 2.79 U	Isodrin	< 0.0797 U
Chloroneb	< 2.62 U	L-Cyhalothrin	< 2.84 U
Chloropropylate	< 1.48 U	Lindane	< 0.0399 U
Chlorothalonil	< 0.920 U	Malathion	< 17.2 U
Chlorpyrifos	< 0.484 U	Methoxychlor	< 0.726 U
Chlorpyrifos Methyl	< 0.372 U	Metolachlor	< 10.4 U
cis-Permethrin	< 0.194 U	Mirex	< 0.393 U
Cyfluthrin	< 0.675 U	o,p'-Dicofol	< 2.79 U
Cypermethrin	< 1.35 U	Oxadiazon	< 0.784 U
Dacthal	< 0.356 U	p,p'-Dicofol	< 5.55 U
delta-BHC	< 0.159 U	Parathion-ethyl	< 1.71 U
deltamethrin and tralomethrin	< 1.46 U	Parathion-methyl	< 3.16 U
Diallate I	< 5.55 U	Pendimethalin	< 1.76 U
Diazinon	< 8.80 U	Pentachloronitrobenzene	< 0.489 U
Dieldrin	< 0.146 U	Perthane	< 15.6 U
Dimethoate	< 0.473 U	Phorate	< 2.20 U
Endosulfan I	< 0.101 U	Propachlor	< 1.52 U
Endosulfan II	< 0.290 U	Propanil	< 2.87 U
Endosulfan sulfate	< 0.388 U	Simazine	< 5.61 U
Endrin	< 0.566 U	trans-Nonachlor	< 0.287 U
Endrin aldehyde	< 0.117 U	trans-Permethrin	< 0.338 U
Endrin ketone	< 0.486 U	Trifluralin	< 0.805 U
Esfenvalerate	< 1.62 U	Vinclozolin	< 10.2 U
Ethion	< 1.39 U		

Client Sample Name: JRI_0607		Test Method: Determination of Pesticides by GC/ECD	
FSES Sample ID: A200563		Date Received: 03/13/20	
		Matrix: Passive Sampling Device - Personal	
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.49 U	Ethoprophos	< 5.90 U
4,4'-DDD	< 0.946 U	Etridiazole	< 0.784 U
4,4'-DDE	< 0.388 U	Fenitrothion	< 0.630 U
4,4'-DDT	< 0.268 U	Fipronil	< 1.16 U
acetamiprid	< 3.11 U	Fipronil-sulfide	< 0.821 U
Alachlor	< 1.32 U	Fipronil-sulfone	< 0.779 U
Aldrin	< 2.62 U	Fonofos	< 1.70 U
alpha-BHC	< 0.0983 U	gamma-Chlordane	< 0.263 U
alpha-Chlordane	< 0.271 U	HCCPD	< 0.819 U
Atrazine	< 3.51 U	Heptachlor	< 0.667 U
beta-BHC	< 0.213 U	Heptachlor epoxide	< 0.138 U
Bifenthrin	< 0.880 U	Hexachlorobenzene	< 0.173 U
Captafol	< 3.22 U	Imidan	< 0.412 U
Captan	< 10.9 U	Iprodione	< 3.19 U
Chlorobenzilate	< 2.79 U	Isodrin	< 0.0797 U
Chloroneb	< 2.62 U	L-Cyhalothrin	< 2.84 U
Chloropropylate	< 1.48 U	Lindane	< 0.0399 U
Chlorothalonil	< 0.920 U	Malathion	< 17.2 U
Chlorpyrifos	< 0.484 U	Methoxychlor	< 0.726 U
Chlorpyrifos Methyl	< 0.372 U	Metolachlor	< 10.4 U
cis-Permethrin	< 0.194 U	Mirex	< 0.393 U
Cyfluthrin	< 0.675 U	o,p'-Dicofol	< 2.79 U
Cypermethrin	< 1.35 U	Oxadiazon	< 0.784 U
Dacthal	< 0.356 U	p,p'-Dicofol	< 5.55 U
delta-BHC	< 0.159 U	Parathion-ethyl	< 1.71 U
deltamethrin and tralomethrin	< 1.46 U	Parathion-methyl	< 3.16 U
Diallate I	< 5.55 U	Pendimethalin	< 1.76 U
Diazinon	< 8.80 U	Pentachloronitrobenzene	< 0.489 U
Dieldrin	< 0.146 U	Perthane	< 15.6 U
Dimethoate	< 0.473 U	Phorate	< 2.20 U
Endosulfan I	< 0.101 U	Propachlor	< 1.52 U
Endosulfan II	< 0.290 U	Propanil	< 2.87 U
Endosulfan sulfate	< 0.388 U	Simazine	< 5.61 U
Endrin	< 0.566 U	trans-Nonachlor	< 0.287 U
Endrin aldehyde	< 0.117 U	trans-Permethrin	< 0.338 U
Endrin ketone	< 0.486 U	Trifluralin	< 0.805 U
Esfenvalerate	< 1.62 U	Vinclozolin	< 10.2 U
Ethion	< 1.39 U		

Client Sample Name: JRI_1115		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A200564		Date Received:	03/13/20
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.04 U	Ethoprophos	< 5.31 U
4,4'-DDD	< 0.851 U	Etridiazole	< 0.705 U
4,4'-DDE	< 0.349 U	Fenitrothion	< 0.567 U
4,4'-DDT	< 0.241 U	Fipronil	< 1.04 U
acetamiprid	< 2.80 U	Fipronil-sulfide	< 0.739 U
Alachlor	< 1.18 U	Fipronil-sulfone	< 0.700 U
Aldrin	< 2.36 U	Fonofos	< 1.52 U
alpha-BHC	< 0.0884 U	gamma-Chlordane	< 0.237 U
alpha-Chlordane	< 0.244 U	HCCPD	< 0.736 U
Atrazine	< 3.16 U	Heptachlor	< 0.600 U
beta-BHC	< 0.191 U	Heptachlor epoxide	< 0.124 U
Bifenthrin	< 0.791 U	Hexachlorobenzene	< 0.155 U
Captafol	< 2.89 U	Imidan	< 0.370 U
Captan	< 9.83 U	Iprodione	< 2.87 U
Chlorobenzilate	< 2.51 U	Isodrin	< 0.0717 U
Chloroneb	< 2.36 U	L-Cyhalothrin	< 2.56 U
Chloropropylate	< 1.33 U	Lindane	< 0.0359 U
Chlorothalonil	< 0.827 U	Malathion	< 15.5 U
Chlorpyrifos	< 0.435 U	Methoxychlor	< 0.653 U
Chlorpyrifos Methyl	< 0.335 U	Metolachlor	< 9.32 U
cis-Permethrin	< 0.174 U	Mirex	< 0.354 U
Cyfluthrin	< 0.607 U	o,p'-Dicofol	< 2.51 U
Cypermethrin	< 1.21 U	Oxadiazon	< 0.705 U
Dacthal	< 0.320 U	p,p'-Dicofol	< 5.00 U
delta-BHC	< 0.143 U	Parathion-ethyl	< 1.54 U
deltamethrin and tralomethrin	< 1.31 U	Parathion-methyl	< 2.84 U
Diallate I	< 5.00 U	Pendimethalin	< 1.58 U
Diazinon	< 7.91 U	Pentachloronitrobenzene	< 0.440 U
Dieldrin	< 0.131 U	Perthane	< 14.0 U
Dimethoate	< 0.426 U	Phorate	< 1.98 U
Endosulfan I	< 0.0908 U	Propachlor	< 1.37 U
Endosulfan II	< 0.260 U	Propanil	< 2.58 U
Endosulfan sulfate	< 0.349 U	Simazine	< 5.04 U
Endrin	< 0.509 U	trans-Nonachlor	< 0.258 U
Endrin aldehyde	< 0.105 U	trans-Permethrin	< 0.304 U
Endrin ketone	< 0.438 U	Trifluralin	< 0.724 U
Esfenvalerate	< 1.46 U	Vinclozolin	< 9.20 U
Ethion	< 1.25 U		

Client Sample Name: KDA_0820		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A200565		Date Received:	03/13/20
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.49 U	Ethoprophos	< 5.90 U
4,4'-DDD	< 0.946 U	Etridiazole	< 0.784 U
4,4'-DDE	4.76	Fenitrothion	< 0.630 U
4,4'-DDT	< 0.268 U	Fipronil	< 1.16 U
acetamiprid	< 3.11 U	Fipronil-sulfide	< 0.821 U
Alachlor	< 1.32 U	Fipronil-sulfone	< 0.779 U
Aldrin	< 2.62 U	Fonofos	< 1.70 U
alpha-BHC	< 0.0983 U	gamma-Chlordane	< 0.263 U
alpha-Chlordane	< 0.271 U	HCCPD	< 0.819 U
Atrazine	< 3.51 U	Heptachlor	< 0.667 U
beta-BHC	< 0.213 U	Heptachlor epoxide	< 0.138 U
Bifenthrin	< 0.880 U	Hexachlorobenzene	< 0.173 U
Captafol	< 3.22 U	Imidan	< 0.412 U
Captan	< 10.9 U	Iprodione	< 3.19 U
Chlorobenzilate	< 2.79 U	Isodrin	< 0.0797 U
Chloroneb	< 2.62 U	L-Cyhalothrin	< 2.84 U
Chloropropylate	< 1.48 U	Lindane	< 0.0399 U
Chlorothalonil	< 0.920 U	Malathion	< 17.2 U
Chlorpyrifos	< 0.484 U	Methoxychlor	< 0.726 U
Chlorpyrifos Methyl	< 0.372 U	Metolachlor	< 10.4 U
cis-Permethrin	< 0.194 U	Mirex	< 0.393 U
Cyfluthrin	< 0.675 U	o,p'-Dicofol	< 2.79 U
Cypermethrin	< 1.35 U	Oxadiazon	< 0.784 U
Dacthal	< 0.356 U	p,p'-Dicofol	< 5.55 U
delta-BHC	< 0.159 U	Parathion-ethyl	< 1.71 U
deltamethrin and tralomethrin	< 1.46 U	Parathion-methyl	< 3.16 U
Diallate I	< 5.55 U	Pendimethalin	< 1.76 U
Diazinon	< 8.80 U	Pentachloronitrobenzene	< 0.489 U
Dieldrin	3.67	Perthane	< 15.6 U
Dimethoate	< 0.473 U	Phorate	< 2.20 U
Endosulfan I	< 0.101 U	Propachlor	< 1.52 U
Endosulfan II	< 0.290 U	Propanil	< 2.87 U
Endosulfan sulfate	< 0.388 U	Simazine	< 5.61 U
Endrin	< 0.566 U	trans-Nonachlor	< 0.287 U
Endrin aldehyde	< 0.117 U	trans-Permethrin	< 0.338 U
Endrin ketone	< 0.486 U	Trifluralin	< 0.805 U
Esfenvalerate	< 1.62 U	Vinclozolin	< 10.2 U
Ethion	< 1.39 U		

Client Sample Name: DCA_0726		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A200566		Date Received:	03/13/20
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.49 U	Ethoprophos	< 5.90 U
4,4'-DDD	< 0.946 U	Etridiazole	< 0.784 U
4,4'-DDE	< 0.388 U	Fenitrothion	< 0.630 U
4,4'-DDT	< 0.268 U	Fipronil	< 1.16 U
acetamiprid	< 3.11 U	Fipronil-sulfide	< 0.821 U
Alachlor	< 1.32 U	Fipronil-sulfone	< 0.779 U
Aldrin	< 2.62 U	Fonofos	< 1.70 U
alpha-BHC	< 0.0983 U	gamma-Chlordane	< 0.263 U
alpha-Chlordane	< 0.271 U	HCCPD	< 0.819 U
Atrazine	< 3.51 U	Heptachlor	< 0.667 U
beta-BHC	< 0.213 U	Heptachlor epoxide	< 0.138 U
Bifenthrin	< 0.880 U	Hexachlorobenzene	< 0.173 U
Captafol	< 3.22 U	Imidan	< 0.412 U
Captan	< 10.9 U	Iprodione	< 3.19 U
Chlorobenzilate	< 2.79 U	Isodrin	< 0.0797 U
Chloroneb	< 2.62 U	L-Cyhalothrin	< 2.84 U
Chloropropylate	< 1.48 U	Lindane	< 0.0399 U
Chlorothalonil	< 0.920 U	Malathion	< 17.2 U
Chlorpyrifos	< 0.484 U	Methoxychlor	< 0.726 U
Chlorpyrifos Methyl	< 0.372 U	Metolachlor	< 10.4 U
cis-Permethrin	< 0.194 U	Mirex	< 0.393 U
Cyfluthrin	< 0.675 U	o,p'-Dicofol	< 2.79 U
Cypermethrin	< 1.35 U	Oxadiazon	< 0.784 U
Dacthal	< 0.356 U	p,p'-Dicofol	< 5.55 U
delta-BHC	< 0.159 U	Parathion-ethyl	< 1.71 U
deltamethrin and tralomethrin	< 1.46 U	Parathion-methyl	< 3.16 U
Diallate I	< 5.55 U	Pendimethalin	< 1.76 U
Diazinon	< 8.80 U	Pentachloronitrobenzene	< 0.489 U
Dieldrin	< 0.146 U	Perthane	< 15.6 U
Dimethoate	< 0.473 U	Phorate	< 2.20 U
Endosulfan I	< 0.101 U	Propachlor	< 1.52 U
Endosulfan II	< 0.290 U	Propanil	< 2.87 U
Endosulfan sulfate	195	Simazine	< 5.61 U
Endrin	< 0.566 U	trans-Nonachlor	< 0.287 U
Endrin aldehyde	< 0.117 U	trans-Permethrin	< 0.338 U
Endrin ketone	< 0.486 U	Trifluralin	< 0.805 U
Esfenvalerate	< 1.62 U	Vinclozolin	< 10.2 U
Ethion	< 1.39 U		



## COA Report

<b>Client Sample Name:</b> YPA_0611		<b>Test Method:</b>	Determination of Pesticides by GC/ECD
<b>FSES Sample ID:</b> A200567		<b>Date Received:</b>	03/13/20
		<b>Matrix:</b>	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.49 U	Ethoprophos	< 5.90 U
4,4'-DDD	< 0.946 U	Etridiazole	< 0.784 U
4,4'-DDE	< 0.388 U	Fenitrothion	< 0.630 U
4,4'-DDT	< 0.268 U	Fipronil	< 1.16 U
acetamiprid	< 3.11 U	Fipronil-sulfide	< 0.821 U
Alachlor	< 1.32 U	Fipronil-sulfone	< 0.779 U
Aldrin	< 2.62 U	Fonofos	< 1.70 U
alpha-BHC	< 0.0983 U	gamma-Chlordane	< 0.263 U
alpha-Chlordane	< 0.271 U	HCCPD	< 0.819 U
Atrazine	< 3.51 U	Heptachlor	< 0.667 U
beta-BHC	< 0.213 U	Heptachlor epoxide	< 0.138 U
Bifenthrin	< 0.880 U	Hexachlorobenzene	< 0.173 U
Captafol	< 3.22 U	Imidan	< 0.412 U
Captan	< 10.9 U	Iprodione	< 3.19 U
Chlorobenzilate	< 2.79 U	Isodrin	< 0.0797 U
Chloroneb	21.9 J	L-Cyhalothrin	30.0
Chloropropylate	< 1.48 U	Lindane	< 0.0399 U
Chlorothalonil	57.1	Malathion	< 17.2 U
Chlorpyrifos	11.4	Methoxychlor	< 0.726 U
Chlorpyrifos Methyl	< 0.372 U	Metolachlor	< 10.4 U
cis-Permethrin	35.1	Mirex	< 0.393 U
Cyfluthrin	< 0.675 U	o,p'-Dicofol	< 2.79 U
Cypermethrin	63.2 J	Oxadiazon	< 0.784 U
Dacthal	< 0.356 U	p,p'-Dicofol	< 5.55 U
delta-BHC	< 0.159 U	Parathion-ethyl	< 1.71 U
deltamethrin and tralomethrin	< 1.46 U	Parathion-methyl	< 3.16 U
Diallate I	< 5.55 U	Pendimethalin	< 1.76 U
Diazinon	< 8.80 U	Pentachloronitrobenzene	< 0.489 U
Dieldrin	< 0.146 U	Perthane	< 15.6 U
Dimethoate	< 0.473 U	Phorate	< 2.20 U
Endosulfan I	< 0.101 U	Propachlor	< 1.52 U
Endosulfan II	< 0.290 U	Propanil	< 2.87 U
Endosulfan sulfate	< 0.388 U	Simazine	< 5.61 U
Endrin	< 0.566 U	trans-Nonachlor	< 0.287 U
Endrin aldehyde	< 0.117 U	trans-Permethrin	116
Endrin ketone	< 0.486 U	Trifluralin	< 0.805 U
Esfenvalerate	< 1.62 U	Vinclozolin	< 10.2 U
Ethion	< 1.39 U		

Client Sample Name: YPA_0107		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A200568		Date Received:	03/13/20
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.04 U	Ethoprophos	< 5.31 U
4,4'-DDD	< 0.851 U	Etridiazole	< 0.705 U
4,4'-DDE	< 0.349 U	Fenitrothion	< 0.567 U
4,4'-DDT	< 0.242 U	Fipronil	< 1.04 U
acetamiprid	< 2.80 U	Fipronil-sulfide	< 0.739 U
Alachlor	< 1.19 U	Fipronil-sulfone	< 0.701 U
Aldrin	< 2.36 U	Fonofos	< 1.52 U
alpha-BHC	< 0.0885 U	gamma-Chlordane	< 0.237 U
alpha-Chlordane	< 0.244 U	HCCPD	< 0.736 U
Atrazine	< 3.16 U	Heptachlor	< 0.600 U
beta-BHC	< 0.191 U	Heptachlor epoxide	< 0.124 U
Bifenthrin	< 0.791 U	Hexachlorobenzene	< 0.155 U
Captafol	< 2.89 U	Imidan	< 0.371 U
Captan	< 9.83 U	Iprodione	< 2.87 U
Chlorobenzilate	< 2.51 U	Isodrin	< 0.0717 U
Chloroneb	< 2.36 U	L-Cyhalothrin	< 2.56 U
Chloropropylate	< 1.33 U	Lindane	< 0.0359 U
Chlorothalonil	22.3	Malathion	< 15.5 U
Chlorpyrifos	13.1	Methoxychlor	< 0.653 U
Chlorpyrifos Methyl	< 0.335 U	Metolachlor	< 9.32 U
cis-Permethrin	25.6	Mirex	< 0.354 U
Cyfluthrin	< 0.607 U	o,p'-Dicofol	< 2.51 U
Cypermethrin	< 1.21 U	Oxadiazon	< 0.705 U
Dacthal	< 0.320 U	p,p'-Dicofol	< 5.00 U
delta-BHC	< 0.143 U	Parathion-ethyl	< 1.54 U
deltamethrin and tralomethrin	< 1.32 U	Parathion-methyl	< 2.84 U
Diallate I	< 5.00 U	Pendimethalin	< 1.58 U
Diazinon	< 7.91 U	Pentachloronitrobenzene	< 0.440 U
Dieldrin	< 0.132 U	Perthane	< 14.0 U
Dimethoate	< 0.426 U	Phorate	< 1.98 U
Endosulfan I	< 0.0909 U	Propachlor	< 1.37 U
Endosulfan II	< 0.261 U	Propanil	< 2.58 U
Endosulfan sulfate	< 0.349 U	Simazine	< 5.04 U
Endrin	< 0.509 U	trans-Nonachlor	< 0.258 U
Endrin aldehyde	< 0.105 U	trans-Permethrin	48.1
Endrin ketone	< 0.438 U	Trifluralin	< 0.724 U
Esfenvalerate	< 1.46 U	Vinclozolin	< 9.21 U
Ethion	< 1.25 U		



Client Sample Name: MNO_0410		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A200569		Date Received:	03/13/20
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.49 U	Ethoprophos	< 5.90 U
4,4'-DDD	< 0.946 U	Etridiazole	< 0.784 U
4,4'-DDE	< 0.388 U	Fenitrothion	< 0.630 U
4,4'-DDT	< 0.268 U	Fipronil	< 1.16 U
acetamiprid	< 3.11 U	Fipronil-sulfide	< 0.821 U
Alachlor	< 1.32 U	Fipronil-sulfone	< 0.779 U
Aldrin	< 2.63 U	Fonofos	< 1.70 U
alpha-BHC	< 0.0984 U	gamma-Chlordane	< 0.263 U
alpha-Chlordane	< 0.271 U	HCCPD	< 0.819 U
Atrazine	< 3.51 U	Heptachlor	< 0.667 U
beta-BHC	< 0.213 U	Heptachlor epoxide	< 0.138 U
Bifenthrin	< 0.880 U	Hexachlorobenzene	< 0.173 U
Captafol	< 3.22 U	Imidan	< 0.412 U
Captan	< 10.9 U	Iprodione	< 3.19 U
Chlorobenzilate	< 2.79 U	Isodrin	< 0.0797 U
Chloroneb	< 2.62 U	L-Cyhalothrin	< 2.84 U
Chloropropylate	< 1.48 U	Lindane	< 0.0399 U
Chlorothalonil	< 0.920 U	Malathion	< 17.2 U
Chlorpyrifos	< 0.484 U	Methoxychlor	< 0.726 U
Chlorpyrifos Methyl	< 0.372 U	Metolachlor	< 10.4 U
cis-Permethrin	< 0.194 U	Mirex	< 0.393 U
Cyfluthrin	< 0.675 U	o,p'-Dicofol	< 2.79 U
Cypermethrin	< 1.35 U	Oxadiazon	< 0.784 U
Dacthal	< 0.356 U	p,p'-Dicofol	< 5.56 U
delta-BHC	< 0.159 U	Parathion-ethyl	< 1.71 U
deltamethrin and tralomethrin	< 1.46 U	Parathion-methyl	< 3.16 U
Diallate I	< 5.56 U	Pendimethalin	< 1.76 U
Diazinon	< 8.80 U	Pentachloronitrobenzene	< 0.489 U
Dieldrin	< 0.146 U	Perthane	< 15.6 U
Dimethoate	< 0.473 U	Phorate	< 2.20 U
Endosulfan I	< 0.101 U	Propachlor	< 1.52 U
Endosulfan II	< 0.290 U	Propanil	< 2.87 U
Endosulfan sulfate	< 0.388 U	Simazine	< 5.61 U
Endrin	< 0.566 U	trans-Nonachlor	< 0.287 U
Endrin aldehyde	< 0.117 U	trans-Permethrin	< 0.338 U
Endrin ketone	< 0.486 U	Trifluralin	< 0.805 U
Esfenvalerate	< 1.62 U	Vinclozolin	< 10.2 U
Ethion	< 1.39 U		

Client Sample Name: MNO_1022		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A200570		Date Received:	03/13/20
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 4.49 U	Ethoprophos	< 5.90 U
4,4'-DDD	< 0.946 U	Etridiazole	< 0.784 U
4,4'-DDE	< 0.388 U	Fenitrothion	< 0.630 U
4,4'-DDT	< 0.268 U	Fipronil	< 1.16 U
acetamiprid	< 3.11 U	Fipronil-sulfide	< 0.821 U
Alachlor	< 1.32 U	Fipronil-sulfone	< 0.779 U
Aldrin	< 2.62 U	Fonofos	< 1.70 U
alpha-BHC	< 0.0983 U	gamma-Chlordane	< 0.263 U
alpha-Chlordane	< 0.271 U	HCCPD	< 0.819 U
Atrazine	< 3.51 U	Heptachlor	< 0.667 U
beta-BHC	< 0.213 U	Heptachlor epoxide	< 0.138 U
Bifenthrin	< 0.880 U	Hexachlorobenzene	< 0.173 U
Captafol	< 3.22 U	Imidan	< 0.412 U
Captan	< 10.9 U	Iprodione	< 3.19 U
Chlorobenzilate	< 2.79 U	Isodrin	< 0.0797 U
Chloroneb	< 2.62 U	L-Cyhalothrin	< 2.84 U
Chloropropylate	< 1.48 U	Lindane	< 0.0399 U
Chlorothalonil	< 0.920 U	Malathion	< 17.2 U
Chlorpyrifos	< 0.484 U	Methoxychlor	< 0.726 U
Chlorpyrifos Methyl	< 0.372 U	Metolachlor	< 10.4 U
cis-Permethrin	< 0.194 U	Mirex	< 0.393 U
Cyfluthrin	< 0.675 U	o,p'-Dicofol	< 2.79 U
Cypermethrin	< 1.35 U	Oxadiazon	< 0.784 U
Dacthal	< 0.356 U	p,p'-Dicofol	< 5.55 U
delta-BHC	< 0.159 U	Parathion-ethyl	< 1.71 U
deltamethrin and tralomethrin	< 1.46 U	Parathion-methyl	< 3.16 U
Diallate I	< 5.55 U	Pendimethalin	< 1.76 U
Diazinon	< 8.80 U	Pentachloronitrobenzene	< 0.489 U
Dieldrin	11.0	Perthane	< 15.6 U
Dimethoate	< 0.473 U	Phorate	< 2.20 U
Endosulfan I	< 0.101 U	Propachlor	< 1.52 U
Endosulfan II	< 0.290 U	Propanil	< 2.87 U
Endosulfan sulfate	< 0.388 U	Simazine	< 5.61 U
Endrin	< 0.566 U	trans-Nonachlor	< 0.287 U
Endrin aldehyde	< 0.117 U	trans-Permethrin	< 0.338 U
Endrin ketone	< 0.486 U	Trifluralin	< 0.805 U
Esfenvalerate	< 1.62 U	Vinclozolin	< 10.2 U
Ethion	< 1.39 U		