



**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 221  
**Project Number:** F19-34  
**Report Date:** January 21 2020  
**Analysis Approval Date:**  
**Sample Received Date:** See each sample page for date sample received

*Ricky Scott*

QC Review

Jan 21, 2020

Date

FSES Director Approval: Kim A. Anderson

Date

## Methodology:

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

SOP 418.00:

## 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:

Quality Control Summary:

Pesticides:

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 4 CVs were analyzed as part of the complete project; in all cases, CVs met FSES data quality objectives (DQOs) with an average of 86% of the target analytes being within 30% of the known value.

4,4'-dibromooctafluorobiphenyl, the method internal standard, had less than 18% variation across the entire project.

Instrument blanks (IBs) were analyzed after each CV and after a maximum of six samples. A total of 7 IBs were analyzed, in all cases all target analytes were below the method limits of quantitation, meeting FSES DQO's.

To demonstrate instrument precision, one duplicate analyses were performed. All detected analytes showed good agreement, with an average relative percent difference (RPD) of 12%.

To demonstrate instrument accuracy one over-spike analyses were performed where samples were spiked with target compounds prior to additional clean-up. Average percent recovery was 117%, meeting FSES DQO's.

PAHs

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 3 CVs were analyzed as part of the complete project; in all cases, CVs met FSES data quality objectives (DQOs) with an average of 88% of the target analytes being within 30% of the known value.

Perylene-D12, the method internal standard, had less than % variation across the entire project.

Instrument blanks (IBs) were analyzed after each CV and after a maximum of six samples. A total of 8 IBs were analyzed, in all cases all target analytes were below the method limits of quantitation, meeting FSES DQO's.

To demonstrate instrument precision, two duplicate analyses were performed. All detected analytes showed good agreement, with an average relative percent difference (RPD) of 2.6%.

To demonstrate instrument accuracy one over-spike analyses were performed where samples were spiked with target compounds prior to additional clean-up. Average percent recovery was 93%, meeting FSES DQO's.

Client Sample Name: JPA_0813		Test Method: Parent and Alkyl Substituted PAHs by GC-MS/MS	
FSES Sample ID: A191134		Date Received: 08/09/19	
		Matrix: Passive Sampling Device - Personal	
Chemical Name	Concentration (mMol/g)	Chemical Name	Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)	< 0.00000000134 U	benzo[b]perylene (mMol/g)	< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)	0.21	benzo[b]perylene (ng/g)	0.37
1,4-dimethylnaphthalene (mMol/g)	< 0.00000000176 U	benzo[c]fluorene (mMol/g)	< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)	0.28	benzo[c]fluorene (ng/g)	0.07
1,5-dimethylnaphthalene (mMol/g)	< 0.00000000169 U	benzo[e]pyrene (mMol/g)	< 0.00000000062 U
1,5-dimethylnaphthalene (ng/g)	0.26	benzo[e]pyrene (ng/g)	0.16
1,6 and 1,3-Dimethylnaphthalene (mMol/g)	< 0.00000000115 U	benzo[ghi]perylene (mMol/g)	0.00000006919 J
1,6 and 1,3-Dimethylnaphthalene (ng/g)	0.18	benzo[ghi]perylene (ng/g)	19.1
1,8-dimethylnaphthalene (mMol/g)	< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)	< 0.00000000049 U
1,8-dimethylnaphthalene (ng/g)	0.18	benzo[j]fluoranthene (ng/g)	0.12
1-methylnaphthalene (mMol/g)	0.00000055865 JB	benzo[k]fluoranthene (mMol/g)	0.00000005958 J
1-methylnaphthalene (ng/g)	79.4	benzo[k]fluoranthene (ng/g)	15.0
1-methylphenanthrene (mMol/g)	< 0.00000000122 U	chrysene (mMol/g)	< 0.00000000049 U
1-methylphenanthrene (ng/g)	0.24	chrysene (ng/g)	0.11
1-methylpyrene (mMol/g)	< 0.00000000039 U	coronene (mMol/g)	< 0.00000000052 U
1-methylpyrene (ng/g)	0.08	coronene (ng/g)	0.16
2,3-dimethylantracene (mMol/g)	< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)	< 0.00000000052 U
2,3-dimethylantracene (ng/g)	0.08	cyclopenta[cd]pyrene (ng/g)	0.12
2,6-diethylnaphthalene (mMol/g)	< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)	< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)	0.18	dibenzo[a,e]fluoranthene (ng/g)	0.10
2,6-dimethylnaphthalene (mMol/g)	0.00000043113 JB	dibenzo[a,e]pyrene (mMol/g)	< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)	67.4	dibenzo[a,e]pyrene (ng/g)	1.43
2-ethylnaphthalene (mMol/g)	< 0.00000000138 U	dibenzo[a,h]anthracene (mMol/g)	< 0.00000000081 U
2-ethylnaphthalene (ng/g)	0.22	dibenzo[a,h]anthracene (ng/g)	0.23
2-methylantracene (ng/g)	0.10	dibenzo[a,h]pyrene (mMol/g)	< 0.00000000038 U
2-methylnaphthalene (mMol/g)	0.00000081935 JB	dibenzo[a,h]pyrene (ng/g)	0.12
2-methylnaphthalene (ng/g)	116	dibenzo[a,i]pyrene (mMol/g)	< 0.00000000104 U
2-methylphenanthrene (mMol/g)	0.00000020229 J	dibenzo[a,i]pyrene (ng/g)	0.32
2-methylphenanthrene (ng/g)	38.9	dibenzo[a,l]pyrene (mMol/g)	< 0.00000000035 U
3,6-dimethylphenanthrene (mMol/g)	< 0.00000000045 U	dibenzo[a,l]pyrene (ng/g)	0.11
3,6-dimethylphenanthrene (ng/g)	0.09	dibenzo[e,l]pyrene (mMol/g)	< 0.00000000123 U



## COA Report

5-methylchrysene (mMol/g)	< 0.0000000153 U	dibenzo[e,l]pyrene (ng/g)	0.37
5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000010571 J
6-methylchrysene (mMol/g)	< 0.0000000082 U	dibenzothiophene (ng/g)	19.5
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000037644 J
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	76.1
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	< 0.0000000106 U
9,10-dimethylanthracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	0.18
9,10-dimethylanthracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000005611 J
9-methylanthracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	15.5
9-methylanthracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000154601 JB
acenaphthene (mMol/g)	< 0.0000000154 U	naphthalene (ng/g)	198
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	< 0.0000000123 U
acenaphthylene (mMol/g)	< 0.0000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	0.37
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.0000000123 U
anthracene (mMol/g)	< 0.0000000131 U	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	0.23	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	< 0.0000000073 U	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	0.17	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	< 0.0000000088 U
benzo[a]chrysene (mMol/g)	< 0.0000000059 U	perylene (ng/g)	0.22
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.00000083298 J
benzo[a]fluorene (mMol/g)	< 0.0000000172 U	phenanthrene (ng/g)	148
benzo[a]fluorene (ng/g)	0.37	Pyrene (mMol/g)	0.00000015089 J
benzo[a]pyrene (mMol/g)	< 0.0000000104 U	Pyrene (ng/g)	30.5
benzo[a]pyrene (ng/g)	0.26	retene (mMol/g)	< 0.0000000080 U
benzo[b]fluoranthene (mMol/g)	0.00000011353 J	retene (ng/g)	0.19
benzo[b]fluoranthene (ng/g)	28.6	triphenylene (mMol/g)	< 0.0000000040 U
benzo[b]fluorene (mMol/g)	< 0.0000000172 U	triphenylene (ng/g)	0.09
benzo[b]fluorene (ng/g)	0.37		

Client Sample Name:		DSC_0305	Test Method:		Parent and Alkyl Substituted PAHs by GC-MS/MS	
FSES Sample ID:		A191135	Date Received:		08/09/19	
			Matrix:		Passive Sampling Device - Personal	
Chemical Name		Concentration (mMol/g)	Chemical Name		Concentration (mMol/g)	
1,2-dimethylnaphthalene (mMol/g)		< 0.00000000134 U	benzo[b]perylene (mMol/g)		< 0.00000000123 U	
1,2-dimethylnaphthalene (ng/g)		0.21	benzo[b]perylene (ng/g)		0.37	
1,4-dimethylnaphthalene (mMol/g)		0.00000000768 JB	benzo[c]fluorene (mMol/g)		< 0.00000000031 U	
1,4-dimethylnaphthalene (ng/g)		1.20	benzo[c]fluorene (ng/g)		0.07	
1,5-dimethylnaphthalene (mMol/g)		0.00000001518	benzo[e]pyrene (mMol/g)		0.00000002141	
1,5-dimethylnaphthalene (ng/g)		2.37	benzo[e]pyrene (ng/g)		5.40	
1,6 and 1,3-Dimethylnaphthalene (mMol/g)		< 0.00000000115 U	benzo[ghi]perylene (mMol/g)		0.00000001626	
1,6 and 1,3-Dimethylnaphthalene (ng/g)		0.18	benzo[ghi]perylene (ng/g)		4.49	
1,8-dimethylnaphthalene (mMol/g)		< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)		0.00000001174	
1,8-dimethylnaphthalene (ng/g)		0.18	benzo[j]fluoranthene (ng/g)		2.96	
1-methylnaphthalene (mMol/g)		0.00000003099 B	benzo[k]fluoranthene (mMol/g)		0.00000001146	
1-methylnaphthalene (ng/g)		4.41	benzo[k]fluoranthene (ng/g)		2.89	
1-methylphenanthrene (mMol/g)		< 0.00000000122 U	chrysene (mMol/g)		0.00000002418	
1-methylphenanthrene (ng/g)		0.24	chrysene (ng/g)		5.52	
1-methylpyrene (mMol/g)		0.00000001604	coronene (mMol/g)		< 0.00000000052 U	
1-methylpyrene (ng/g)		3.47	coronene (ng/g)		0.16	
2,3-dimethylantracene (mMol/g)		< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)		< 0.00000000052 U	
2,3-dimethylantracene (ng/g)		0.08	cyclopenta[cd]pyrene (ng/g)		0.12	
2,6-diethylnaphthalene (mMol/g)		< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)		< 0.00000000034 U	
2,6-diethylnaphthalene (ng/g)		0.18	dibenzo[a,e]fluoranthene (ng/g)		0.10	
2,6-dimethylnaphthalene (mMol/g)		0.00000006493 B	dibenzo[a,e]pyrene (mMol/g)		< 0.00000000473 U	
2,6-dimethylnaphthalene (ng/g)		10.1	dibenzo[a,e]pyrene (ng/g)		1.43	
2-ethylnaphthalene (mMol/g)		0.00000003169	dibenzo[a,h]anthracene (mMol/g)		< 0.00000000081 U	
2-ethylnaphthalene (ng/g)		4.95	dibenzo[a,h]anthracene (ng/g)		0.23	
2-methylantracene (ng/g)		24.1	dibenzo[a,h]pyrene (mMol/g)		< 0.00000000038 U	
2-methylnaphthalene (mMol/g)		0.00000009184 B	dibenzo[a,h]pyrene (ng/g)		0.12	
2-methylnaphthalene (ng/g)		13.1	dibenzo[a,i]pyrene (mMol/g)		< 0.00000000104 U	
2-methylphenanthrene (mMol/g)		0.00000012413	dibenzo[a,i]pyrene (ng/g)		0.32	
2-methylphenanthrene (ng/g)		23.9	dibenzo[a,l]pyrene (mMol/g)		< 0.00000000035 U	
3,6-dimethylphenanthrene (mMol/g)		0.00000002558	dibenzo[a,l]pyrene (ng/g)		0.11	
3,6-dimethylphenanthrene (ng/g)		5.28	dibenzo[e,l]pyrene (mMol/g)		< 0.00000000123 U	
5-methylchrysene (mMol/g)		< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)		0.37	
5-methylchrysene (ng/g)		0.37	dibenzothiophene (mMol/g)		0.00000001802	

6-methylchrysene (mMol/g)	< 0.0000000082 U	dibenzothiophene (ng/g)	3.32
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000011911
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	24.1
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000003399
9,10-dimethylanthracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	5.65
9,10-dimethylanthracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000001314
9-methylanthracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	3.63
9-methylanthracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000005532 B
acenaphthene (mMol/g)	< 0.0000000154 U	naphthalene (ng/g)	7.09
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	< 0.0000000123 U
acenaphthylene (mMol/g)	< 0.0000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	0.37
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.0000000123 U
anthracene (mMol/g)	< 0.0000000131 U	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	0.23	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	0.00000001103	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	2.52	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	< 0.0000000088 U
benzo[a]chrysene (mMol/g)	< 0.0000000059 U	perylene (ng/g)	0.22
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.00000024161
benzo[a]fluorene (mMol/g)	0.00000000865	phenanthrene (ng/g)	43.1
benzo[a]fluorene (ng/g)	1.87	Pyrene (mMol/g)	0.00000007640
benzo[a]pyrene (mMol/g)	0.00000001204	Pyrene (ng/g)	15.4
benzo[a]pyrene (ng/g)	3.04	retene (mMol/g)	0.00000002319 B
benzo[b]fluoranthene (mMol/g)	0.00000002241	retene (ng/g)	5.43
benzo[b]fluoranthene (ng/g)	5.66	triphenylene (mMol/g)	0.00000001278
benzo[b]fluorene (mMol/g)	< 0.0000000172 U	triphenylene (ng/g)	2.92
benzo[b]fluorene (ng/g)	0.37		

<b>Client Sample Name:</b> BWI_0530		<b>Test Method:</b> Parent and Alkyl Substituted PAHs by GC-MS/MS	
<b>FSES Sample ID:</b> A191136		<b>Date Received:</b> 08/09/19	
		<b>Matrix:</b> Passive Sampling Device - Personal	
Chemical Name		Chemical Name	
Concentration (mMol/g)	Concentration (mMol/g)	Concentration (mMol/g)	Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)	< 0.00000000134 U	benzo[b]perylene (mMol/g)	< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)	0.21	benzo[b]perylene (ng/g)	0.37
1,4-dimethylnaphthalene (mMol/g)	0.00000000340 JB	benzo[c]fluorene (mMol/g)	< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)	0.53	benzo[c]fluorene (ng/g)	0.07
1,5-dimethylnaphthalene (mMol/g)	0.00000000898	benzo[e]pyrene (mMol/g)	0.00000002238
1,5-dimethylnaphthalene (ng/g)	1.40	benzo[e]pyrene (ng/g)	5.65
1,6 and 1,3-Dimethylnaphthalene (mMol/g)	< 0.00000000115 U	benzo[ghi]perylene (mMol/g)	0.00000002552
1,6 and 1,3-Dimethylnaphthalene (ng/g)	0.18	benzo[ghi]perylene (ng/g)	7.05
1,8-dimethylnaphthalene (mMol/g)	< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)	0.000000013
1,8-dimethylnaphthalene (ng/g)	0.18	benzo[j]fluoranthene (ng/g)	3.28
1-methylnaphthalene (mMol/g)	0.00000001919 B	benzo[k]fluoranthene (mMol/g)	0.00000001288
1-methylnaphthalene (ng/g)	2.73	benzo[k]fluoranthene (ng/g)	3.25
1-methylphenanthrene (mMol/g)	0.00000001055	chrysene (mMol/g)	0.0000000303
1-methylphenanthrene (ng/g)	2.03	chrysene (ng/g)	6.92
1-methylpyrene (mMol/g)	0.00000002703	coronene (mMol/g)	< 0.00000000052 U
1-methylpyrene (ng/g)	5.84	coronene (ng/g)	0.16
2,3-dimethylantracene (mMol/g)	< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)	< 0.00000000052 U
2,3-dimethylantracene (ng/g)	0.08	cyclopenta[cd]pyrene (ng/g)	0.12
2,6-diethylnaphthalene (mMol/g)	< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)	< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)	0.18	dibenzo[a,e]fluoranthene (ng/g)	0.10
2,6-dimethylnaphthalene (mMol/g)	0.00000004965 B	dibenzo[a,e]pyrene (mMol/g)	< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)	7.76	dibenzo[a,e]pyrene (ng/g)	1.43
2-ethylnaphthalene (mMol/g)	0.00000002015	dibenzo[a,h]anthracene (mMol/g)	< 0.00000000081 U
2-ethylnaphthalene (ng/g)	3.14	dibenzo[a,h]anthracene (ng/g)	0.23
2-methylantracene (ng/g)	20.2	dibenzo[a,h]pyrene (mMol/g)	< 0.00000000038 U
2-methylnaphthalene (mMol/g)	0.00000007518 B	dibenzo[a,h]pyrene (ng/g)	0.12
2-methylnaphthalene (ng/g)	10.7	dibenzo[a,i]pyrene (mMol/g)	< 0.00000000104 U
2-methylphenanthrene (mMol/g)	0.00000012716	dibenzo[a,i]pyrene (ng/g)	0.32
2-methylphenanthrene (ng/g)	24.4	dibenzo[a,l]pyrene (mMol/g)	< 0.00000000035 U
3,6-dimethylphenanthrene (mMol/g)	0.00000001898	dibenzo[a,l]pyrene (ng/g)	0.11
3,6-dimethylphenanthrene (ng/g)	3.91	dibenzo[e,l]pyrene (mMol/g)	< 0.00000000123 U
5-methylchrysene (mMol/g)	< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)	0.37
5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000002064

6-methylchrysene (mMol/g)	< 0.0000000082 U	dibenzothiophene (ng/g)	3.80
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000015651
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	31.6
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000003952
9,10-dimethylanthracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	6.57
9,10-dimethylanthracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000002017
9-methylanthracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	5.57
9-methylanthracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000004012 B
acenaphthene (mMol/g)	< 0.0000000154 U	naphthalene (ng/g)	5.14
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	< 0.0000000123 U
acenaphthylene (mMol/g)	< 0.0000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	0.37
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.0000000123 U
anthracene (mMol/g)	< 0.0000000131 U	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	0.23	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	0.00000001685	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	3.85	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	< 0.0000000088 U
benzo[a]chrysene (mMol/g)	< 0.0000000059 U	perylene (ng/g)	0.22
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.00000045917
benzo[a]fluorene (mMol/g)	< 0.0000000172 U	phenanthrene (ng/g)	81.8
benzo[a]fluorene (ng/g)	0.37	Pyrene (mMol/g)	0.00000010584
benzo[a]pyrene (mMol/g)	0.00000001112	Pyrene (ng/g)	21.4
benzo[a]pyrene (ng/g)	2.80	retene (mMol/g)	0.00000002824 B
benzo[b]fluoranthene (mMol/g)	0.00000002580	retene (ng/g)	6.62
benzo[b]fluoranthene (ng/g)	6.51	triphenylene (mMol/g)	0.00000001617
benzo[b]fluorene (mMol/g)	< 0.0000000172 U	triphenylene (ng/g)	3.69
benzo[b]fluorene (ng/g)	0.37		



Client Sample Name:		ABR_0920	Test Method:		Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID:		A191137	Date Received:		08/09/19
			Matrix:		Passive Sampling Device - Personal
Chemical Name		Concentration (mMol/g)	Chemical Name		Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)		< 0.00000000134 U	benzo[b]perylene (mMol/g)		< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)		0.21	benzo[b]perylene (ng/g)		0.37
1,4-dimethylnaphthalene (mMol/g)		< 0.00000000176 U	benzo[c]fluorene (mMol/g)		< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)		0.28	benzo[c]fluorene (ng/g)		0.07
1,5-dimethylnaphthalene (mMol/g)		< 0.00000000169 U	benzo[e]pyrene (mMol/g)		0.00000002601
1,5-dimethylnaphthalene (ng/g)		0.26	benzo[e]pyrene (ng/g)		6.56
1,6 and 1,3-Dimethylnaphthalene (mMol/g)		< 0.00000000115 U	benzo[ghi]perylene (mMol/g)		0.00000002145
1,6 and 1,3-Dimethylnaphthalene (ng/g)		0.18	benzo[ghi]perylene (ng/g)		5.93
1,8-dimethylnaphthalene (mMol/g)		< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)		0.00000001568
1,8-dimethylnaphthalene (ng/g)		0.18	benzo[j]fluoranthene (ng/g)		3.96
1-methylnaphthalene (mMol/g)		0.00000002853 B	benzo[k]fluoranthene (mMol/g)		0.00000001509
1-methylnaphthalene (ng/g)		4.06	benzo[k]fluoranthene (ng/g)		3.81
1-methylphenanthrene (mMol/g)		< 0.00000000122 U	chrysene (mMol/g)		0.00000003359
1-methylphenanthrene (ng/g)		0.24	chrysene (ng/g)		7.67
1-methylpyrene (mMol/g)		0.00000000888	coronene (mMol/g)		< 0.00000000052 U
1-methylpyrene (ng/g)		1.92	coronene (ng/g)		0.16
2,3-dimethylantracene (mMol/g)		< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)		< 0.00000000052 U
2,3-dimethylantracene (ng/g)		0.08	cyclopenta[cd]pyrene (ng/g)		0.12
2,6-diethylnaphthalene (mMol/g)		< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)		< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)		0.18	dibenzo[a,e]fluoranthene (ng/g)		0.10
2,6-dimethylnaphthalene (mMol/g)		0.00000003766 B	dibenzo[a,e]pyrene (mMol/g)		< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)		5.88	dibenzo[a,e]pyrene (ng/g)		1.43
2-ethylnaphthalene (mMol/g)		0.00000003084	dibenzo[a,h]anthracene (mMol/g)		< 0.00000000081 U
2-ethylnaphthalene (ng/g)		4.81	dibenzo[a,h]anthracene (ng/g)		0.23
2-methylantracene (ng/g)		8.46	dibenzo[a,h]pyrene (mMol/g)		< 0.00000000038 U
2-methylnaphthalene (mMol/g)		0.00000007360 B	dibenzo[a,h]pyrene (ng/g)		0.12
2-methylnaphthalene (ng/g)		10.5	dibenzo[a,i]pyrene (mMol/g)		< 0.00000000104 U
2-methylphenanthrene (mMol/g)		0.00000005708	dibenzo[a,i]pyrene (ng/g)		0.32
2-methylphenanthrene (ng/g)		11.0	dibenzo[a,l]pyrene (mMol/g)		< 0.00000000035 U
3,6-dimethylphenanthrene (mMol/g)		0.00000000940	dibenzo[a,l]pyrene (ng/g)		0.11
3,6-dimethylphenanthrene (ng/g)		1.94	dibenzo[e,l]pyrene (mMol/g)		< 0.00000000123 U
5-methylchrysene (mMol/g)		< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)		0.37

5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000001165
6-methylchrysene (mMol/g)	< 0.00000000082 U	dibenzothiophene (ng/g)	2.15
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000013560
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.00000000081 U	fluoranthene (ng/g)	27.4
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000005026
9,10-dimethylantracene (mMol/g)	< 0.00000000092 U	fluorene (ng/g)	8.35
9,10-dimethylantracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000001833
9-methylantracene (mMol/g)	< 0.00000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	5.06
9-methylantracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000008991 B
acenaphthene (mMol/g)	0.00000012574	naphthalene (ng/g)	11.5
acenaphthene (ng/g)	19.4	naphtho[1,2-b]fluoranthene (mMol/g)	< 0.00000000123 U
acenaphthylene (mMol/g)	< 0.00000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	0.37
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.00000000123 U
anthanthrene (mMol/g)	< 0.00000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.00000000123 U
anthracene (mMol/g)	< 0.00000000131 U	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	0.23	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.00000000123 U
benz[a]anthracene (mMol/g)	0.00000001568	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	3.58	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.00000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	< 0.00000000088 U
benzo[a]chrysene (mMol/g)	< 0.00000000059 U	perylene (ng/g)	0.22
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.00000024105
benzo[a]fluorene (mMol/g)	< 0.00000000172 U	phenanthrene (ng/g)	43.0
benzo[a]fluorene (ng/g)	0.37	Pyrene (mMol/g)	0.00000006819
benzo[a]pyrene (mMol/g)	0.00000001291	Pyrene (ng/g)	13.8
benzo[a]pyrene (ng/g)	3.26	retene (mMol/g)	0.00000002688 B
benzo[b]fluoranthene (mMol/g)	0.00000003384	retene (ng/g)	6.30
benzo[b]fluoranthene (ng/g)	8.54	triphenylene (mMol/g)	0.00000001291
benzo[b]fluorene (mMol/g)	< 0.00000000172 U	triphenylene (ng/g)	2.95
benzo[b]fluorene (ng/g)	0.37		

<b>Client Sample Name:</b>	SRT_0517	<b>Test Method:</b>	Parent and Alkyl Substituted PAHs by GC-MS/MS
<b>FSES Sample ID:</b>	A191138	<b>Date Received:</b>	08/09/19
		<b>Matrix:</b>	Passive Sampling Device - Personal

Chemical Name	Concentration (mMol/g)	Chemical Name	Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)	0.00000002486	benzo[b]perylene (mMol/g)	< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)	3.88	benzo[b]perylene (ng/g)	0.37
1,4-dimethylnaphthalene (mMol/g)	0.00000000611 JB	benzo[c]fluorene (mMol/g)	< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)	0.95	benzo[c]fluorene (ng/g)	0.07
1,5-dimethylnaphthalene (mMol/g)	0.00000001053	benzo[e]pyrene (mMol/g)	0.00000002917
1,5-dimethylnaphthalene (ng/g)	1.64	benzo[e]pyrene (ng/g)	7.36
1,6 and 1,3-Dimethylnaphthalene (mMol/g)	< 0.00000000115 U	benzo[ghi]perylene (mMol/g)	0.00000003891
1,6 and 1,3-Dimethylnaphthalene (ng/g)	0.18	benzo[ghi]perylene (ng/g)	10.8
1,8-dimethylnaphthalene (mMol/g)	< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)	0.00000001850
1,8-dimethylnaphthalene (ng/g)	0.18	benzo[j]fluoranthene (ng/g)	4.67
1-methylnaphthalene (mMol/g)	0.00000001441 B	benzo[k]fluoranthene (mMol/g)	0.00000001765
1-methylnaphthalene (ng/g)	2.05	benzo[k]fluoranthene (ng/g)	4.45
1-methylphenanthrene (mMol/g)	< 0.00000000122 U	chrysene (mMol/g)	0.00000003218
1-methylphenanthrene (ng/g)	0.24	chrysene (ng/g)	7.35
1-methylpyrene (mMol/g)	0.00000001734	coronene (mMol/g)	< 0.00000000052 U
1-methylpyrene (ng/g)	3.75	coronene (ng/g)	0.16
2,3-dimethylantracene (mMol/g)	< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)	< 0.00000000052 U
2,3-dimethylantracene (ng/g)	0.08	cyclopenta[cd]pyrene (ng/g)	0.12
2,6-diethylnaphthalene (mMol/g)	< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)	< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)	0.18	dibenzo[a,e]fluoranthene (ng/g)	0.10
2,6-dimethylnaphthalene (mMol/g)	0.00000005498 B	dibenzo[a,e]pyrene (mMol/g)	< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)	8.59	dibenzo[a,e]pyrene (ng/g)	1.43
2-ethylnaphthalene (mMol/g)	0.00000002533	dibenzo[a,h]anthracene (mMol/g)	< 0.00000000081 U
2-ethylnaphthalene (ng/g)	3.95	dibenzo[a,h]anthracene (ng/g)	0.23
2-methylantracene (ng/g)	17.4	dibenzo[a,h]pyrene (mMol/g)	< 0.00000000038 U
2-methylnaphthalene (mMol/g)	0.00000006512 B	dibenzo[a,h]pyrene (ng/g)	0.12
2-methylnaphthalene (ng/g)	9.26	dibenzo[a,i]pyrene (mMol/g)	< 0.00000000104 U
2-methylphenanthrene (mMol/g)	0.00000010630	dibenzo[a,i]pyrene (ng/g)	0.32
2-methylphenanthrene (ng/g)	20.4	dibenzo[a,l]pyrene (mMol/g)	< 0.00000000035 U
3,6-dimethylphenanthrene (mMol/g)	0.00000001765	dibenzo[a,l]pyrene (ng/g)	0.11
3,6-dimethylphenanthrene (ng/g)	3.64	dibenzo[e,l]pyrene (mMol/g)	< 0.00000000123 U
5-methylchrysene (mMol/g)	< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)	0.37
5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000001794

6-methylchrysene (mMol/g)	< 0.0000000082 U	dibenzothiophene (ng/g)	3.30
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000015871
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	32.1
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000005193
9,10-dimethylanthracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	8.63
9,10-dimethylanthracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000003166
9-methylanthracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	8.75
9-methylanthracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000003986 B
acenaphthene (mMol/g)	< 0.0000000154 U	naphthalene (ng/g)	5.11
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	0.00000001150
acenaphthylene (mMol/g)	< 0.00000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	3.48
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.0000000123 U
anthracene (mMol/g)	0.00000006647	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	11.8	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	0.00000001661	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	3.79	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	0.00000000728
benzo[a]chrysene (mMol/g)	< 0.0000000059 U	perylene (ng/g)	1.84
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.000000051312
benzo[a]fluorene (mMol/g)	< 0.0000000172 U	phenanthrene (ng/g)	91.4
benzo[a]fluorene (ng/g)	0.37	Pyrene (mMol/g)	0.00000009775
benzo[a]pyrene (mMol/g)	0.00000001713	Pyrene (ng/g)	19.8
benzo[a]pyrene (ng/g)	4.32	retene (mMol/g)	0.00000003793 B
benzo[b]fluoranthene (mMol/g)	0.00000003761	retene (ng/g)	8.89
benzo[b]fluoranthene (ng/g)	9.49	triphenylene (mMol/g)	0.00000001693
benzo[b]fluorene (mMol/g)	< 0.0000000172 U	triphenylene (ng/g)	3.86
benzo[b]fluorene (ng/g)	0.37		

Client Sample Name: SSM_1117		Test Method:	Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID: A191139		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (mMol/g)	Chemical Name	Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)	0.00000002149	benzo[b]perylene (mMol/g)	< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)	3.36	benzo[b]perylene (ng/g)	0.37
1,4-dimethylnaphthalene (mMol/g)	0.00000000370 JB	benzo[c]fluorene (mMol/g)	< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)	0.58	benzo[c]fluorene (ng/g)	0.07
1,5-dimethylnaphthalene (mMol/g)	0.00000001062	benzo[e]pyrene (mMol/g)	0.00000003081
1,5-dimethylnaphthalene (ng/g)	1.66	benzo[e]pyrene (ng/g)	7.77
1,6 and 1,3-Dimethylnaphthalene (mMol/g)	< 0.00000000115 U	benzo[ghi]perylene (mMol/g)	0.00000002821
1,6 and 1,3-Dimethylnaphthalene (ng/g)	0.18	benzo[ghi]perylene (ng/g)	7.80
1,8-dimethylnaphthalene (mMol/g)	< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)	0.00000001639
1,8-dimethylnaphthalene (ng/g)	0.18	benzo[j]fluoranthene (ng/g)	4.14
1-methylnaphthalene (mMol/g)	0.00000001796 B	benzo[k]fluoranthene (mMol/g)	0.00000001644
1-methylnaphthalene (ng/g)	2.55	benzo[k]fluoranthene (ng/g)	4.15
1-methylphenanthrene (mMol/g)	< 0.00000000122 U	chrysene (mMol/g)	0.00000005490
1-methylphenanthrene (ng/g)	0.24	chrysene (ng/g)	12.5
1-methylpyrene (mMol/g)	0.00000001131	coronene (mMol/g)	< 0.00000000052 U
1-methylpyrene (ng/g)	2.45	coronene (ng/g)	0.16
2,3-dimethylantracene (mMol/g)	< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)	< 0.00000000052 U
2,3-dimethylantracene (ng/g)	0.08	cyclopenta[cd]pyrene (ng/g)	0.12
2,6-diethylnaphthalene (mMol/g)	< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)	< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)	0.18	dibenzo[a,e]fluoranthene (ng/g)	0.10
2,6-dimethylnaphthalene (mMol/g)	< 0.00000000127 U	dibenzo[a,e]pyrene (mMol/g)	< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)	0.20	dibenzo[a,e]pyrene (ng/g)	1.43
2-ethylnaphthalene (mMol/g)	< 0.00000000138 U	dibenzo[a,h]anthracene (mMol/g)	< 0.00000000081 U
2-ethylnaphthalene (ng/g)	0.22	dibenzo[a,h]anthracene (ng/g)	0.23
2-methylantracene (ng/g)	17.3	dibenzo[a,h]pyrene (mMol/g)	< 0.00000000038 U
2-methylnaphthalene (mMol/g)	0.00000007232 B	dibenzo[a,h]pyrene (ng/g)	0.12
2-methylnaphthalene (ng/g)	10.3	dibenzo[a,i]pyrene (mMol/g)	< 0.00000000104 U
2-methylphenanthrene (mMol/g)	0.00000009968	dibenzo[a,i]pyrene (ng/g)	0.32
2-methylphenanthrene (ng/g)	19.2	dibenzo[a,l]pyrene (mMol/g)	< 0.00000000035 U
3,6-dimethylphenanthrene (mMol/g)	0.00000002011	dibenzo[a,l]pyrene (ng/g)	0.11
3,6-dimethylphenanthrene (ng/g)	4.15	dibenzo[e,l]pyrene (mMol/g)	< 0.00000000123 U
5-methylchrysene (mMol/g)	< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)	0.37
5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000001592

6-methylchrysene (mMol/g)	< 0.0000000082 U	dibenzothiophene (ng/g)	2.93
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000011700
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	23.7
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000003427
9,10-dimethylanthracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	5.70
9,10-dimethylanthracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000002237
9-methylanthracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	6.18
9-methylanthracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000024843 B
acenaphthene (mMol/g)	< 0.0000000154 U	naphthalene (ng/g)	31.8
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	0.00000000844
acenaphthylene (mMol/g)	< 0.0000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	2.55
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.0000000123 U
anthracene (mMol/g)	0.00000003768	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	6.71	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	0.00000000999	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	2.28	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	0.00000000626
benzo[a]chrysene (mMol/g)	< 0.0000000059 U	perylene (ng/g)	1.58
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.00000025185
benzo[a]fluorene (mMol/g)	0.00000000570	phenanthrene (ng/g)	44.9
benzo[a]fluorene (ng/g)	1.23	Pyrene (mMol/g)	0.00000008144
benzo[a]pyrene (mMol/g)	0.00000001267	Pyrene (ng/g)	16.5
benzo[a]pyrene (ng/g)	3.20	retene (mMol/g)	0.00000002531 B
benzo[b]fluoranthene (mMol/g)	0.00000003541	retene (ng/g)	5.93
benzo[b]fluoranthene (ng/g)	8.93	triphenylene (mMol/g)	0.00000001433
benzo[b]fluorene (mMol/g)	< 0.0000000172 U	triphenylene (ng/g)	3.27
benzo[b]fluorene (ng/g)	0.37		



Client Sample Name:		BWI_1127	Test Method:		Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID:		A191140	Date Received:		08/09/19
			Matrix:		Passive Sampling Device - Personal
Chemical Name		Concentration (mMol/g)	Chemical Name		Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)		0.00000001843	benzo[b]perylene (mMol/g)		< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)		2.88	benzo[b]perylene (ng/g)		0.37
1,4-dimethylnaphthalene (mMol/g)		0.00000000571 JB	benzo[c]fluorene (mMol/g)		< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)		0.89	benzo[c]fluorene (ng/g)		0.07
1,5-dimethylnaphthalene (mMol/g)		0.00000001039	benzo[e]pyrene (mMol/g)		0.00000003077
1,5-dimethylnaphthalene (ng/g)		1.62	benzo[e]pyrene (ng/g)		7.76
1,6 and 1,3-Dimethylnaphthalene (mMol/g)		< 0.00000000115 U	benzo[ghi]perylene (mMol/g)		0.00000003397
1,6 and 1,3-Dimethylnaphthalene (ng/g)		0.18	benzo[ghi]perylene (ng/g)		9.39
1,8-dimethylnaphthalene (mMol/g)		< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)		0.00000001807
1,8-dimethylnaphthalene (ng/g)		0.18	benzo[j]fluoranthene (ng/g)		4.56
1-methylnaphthalene (mMol/g)		0.00000000777 B	benzo[k]fluoranthene (mMol/g)		0.00000001642
1-methylnaphthalene (ng/g)		1.10	benzo[k]fluoranthene (ng/g)		4.14
1-methylphenanthrene (mMol/g)		0.00000002226	chrysene (mMol/g)		0.00000004193
1-methylphenanthrene (ng/g)		4.28	chrysene (ng/g)		9.57
1-methylpyrene (mMol/g)		0.00000003489	coronene (mMol/g)		< 0.00000000052 U
1-methylpyrene (ng/g)		7.55	coronene (ng/g)		0.16
2,3-dimethylantracene (mMol/g)		< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)		< 0.00000000052 U
2,3-dimethylantracene (ng/g)		0.08	cyclopenta[cd]pyrene (ng/g)		0.12
2,6-diethylnaphthalene (mMol/g)		< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)		< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)		0.18	dibenzo[a,e]fluoranthene (ng/g)		0.10
2,6-dimethylnaphthalene (mMol/g)		0.00000003591 B	dibenzo[a,e]pyrene (mMol/g)		< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)		5.61	dibenzo[a,e]pyrene (ng/g)		1.43
2-ethylnaphthalene (mMol/g)		0.00000002096	dibenzo[a,h]anthracene (mMol/g)		< 0.00000000081 U
2-ethylnaphthalene (ng/g)		3.27	dibenzo[a,h]anthracene (ng/g)		0.23
2-methylantracene (ng/g)		27.7	dibenzo[a,h]pyrene (mMol/g)		< 0.00000000038 U
2-methylnaphthalene (mMol/g)		0.00000004541 B	dibenzo[a,h]pyrene (ng/g)		0.12
2-methylnaphthalene (ng/g)		6.46	dibenzo[a,i]pyrene (mMol/g)		< 0.00000000104 U
2-methylphenanthrene (mMol/g)		0.00000019076	dibenzo[a,i]pyrene (ng/g)		0.32
2-methylphenanthrene (ng/g)		36.7	dibenzo[a,l]pyrene (mMol/g)		0.00000000698
3,6-dimethylphenanthrene (mMol/g)		0.00000002885	dibenzo[a,l]pyrene (ng/g)		2.11
3,6-dimethylphenanthrene (ng/g)		5.95	dibenzo[e,l]pyrene (mMol/g)		< 0.00000000123 U
5-methylchrysene (mMol/g)		< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)		0.37
5-methylchrysene (ng/g)		0.37	dibenzothiophene (mMol/g)		0.00000002442







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6-methylchrysene (mMol/g)	0.00000000706	dibenzothiophene (ng/g)	4.50
6-methylchrysene (ng/g)	1.71	fluoranthene (mMol/g)	0.00000018164
7,12-dimethylbenz[a]anthracene (mMol/g)	0.00000000826	fluoranthene (ng/g)	36.7
7,12-dimethylbenz[a]anthracene (ng/g)	2.12	fluorene (mMol/g)	< 0.0000000106 U
9,10-dimethylanthracene (mMol/g)	< 0.00000000092 U	fluorene (ng/g)	0.18
9,10-dimethylanthracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000002615
9-methylanthracene (mMol/g)	< 0.00000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	7.22
9-methylanthracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000010372 B
acenaphthene (mMol/g)	< 0.00000000154 U	naphthalene (ng/g)	13.3
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	0.00000000954
acenaphthylene (mMol/g)	< 0.00000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	2.88
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.00000000123 U
anthanthrene (mMol/g)	< 0.00000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.00000000123 U
anthracene (mMol/g)	0.00000004965	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	8.85	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.00000000123 U
benz[a]anthracene (mMol/g)	0.00000002385	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	5.44	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.00000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	< 0.00000000088 U
benzo[a]chrysene (mMol/g)	0.00000001712	perylene (ng/g)	0.22
benzo[a]chrysene (ng/g)	4.77	phenanthrene (mMol/g)	0.00000056518
benzo[a]fluorene (mMol/g)	0.00000001192	phenanthrene (ng/g)	101
benzo[a]fluorene (ng/g)	2.58	Pyrene (mMol/g)	0.00000014651
benzo[a]pyrene (mMol/g)	0.00000001684	Pyrene (ng/g)	29.6
benzo[a]pyrene (ng/g)	4.25	retene (mMol/g)	0.00000004177 B
benzo[b]fluoranthene (mMol/g)	0.00000003654	retene (ng/g)	9.79
benzo[b]fluoranthene (ng/g)	9.22	triphenylene (mMol/g)	0.00000002500
benzo[b]fluorene (mMol/g)	< 0.00000000172 U	triphenylene (ng/g)	5.71
benzo[b]fluorene (ng/g)	0.37		





Client Sample Name: SSM_0411		Test Method:	Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID: A191142		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (mMol/g)	Chemical Name	Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)	0.00000001772	benzo[b]perylene (mMol/g)	< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)	2.77	benzo[b]perylene (ng/g)	0.37
1,4-dimethylnaphthalene (mMol/g)	< 0.00000000176 U	benzo[c]fluorene (mMol/g)	< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)	0.28	benzo[c]fluorene (ng/g)	0.07
1,5-dimethylnaphthalene (mMol/g)	0.00000000713 J	benzo[e]pyrene (mMol/g)	0.00000004204
1,5-dimethylnaphthalene (ng/g)	1.11	benzo[e]pyrene (ng/g)	10.6
1,6 and 1,3-Dimethylnaphthalene (mMol/g)	< 0.00000000115 U	benzo[ghi]perylene (mMol/g)	0.00000005002
1,6 and 1,3-Dimethylnaphthalene (ng/g)	0.18	benzo[ghi]perylene (ng/g)	13.8
1,8-dimethylnaphthalene (mMol/g)	< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)	0.00000002373
1,8-dimethylnaphthalene (ng/g)	0.18	benzo[j]fluoranthene (ng/g)	5.99
1-methylnaphthalene (mMol/g)	< 0.00000000044 U	benzo[k]fluoranthene (mMol/g)	0.00000002238
1-methylnaphthalene (ng/g)	0.06	benzo[k]fluoranthene (ng/g)	5.65
1-methylphenanthrene (mMol/g)	< 0.00000000122 U	chrysene (mMol/g)	0.00000004020
1-methylphenanthrene (ng/g)	0.24	chrysene (ng/g)	9.18
1-methylpyrene (mMol/g)	0.00000001141	coronene (mMol/g)	0.00000000422
1-methylpyrene (ng/g)	2.47	coronene (ng/g)	1.27
2,3-dimethylantracene (mMol/g)	< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)	< 0.00000000052 U
2,3-dimethylantracene (ng/g)	0.08	cyclopenta[cd]pyrene (ng/g)	0.12
2,6-diethylnaphthalene (mMol/g)	< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)	< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)	0.18	dibenzo[a,e]fluoranthene (ng/g)	0.10
2,6-dimethylnaphthalene (mMol/g)	0.00000002394 B	dibenzo[a,e]pyrene (mMol/g)	< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)	3.74	dibenzo[a,e]pyrene (ng/g)	1.43
2-ethylnaphthalene (mMol/g)	< 0.00000000138 U	dibenzo[a,h]anthracene (mMol/g)	< 0.00000000081 U
2-ethylnaphthalene (ng/g)	0.22	dibenzo[a,h]anthracene (ng/g)	0.23
2-methylantracene (ng/g)	17.4	dibenzo[a,h]pyrene (mMol/g)	< 0.00000000038 U
2-methylnaphthalene (mMol/g)	0.00000003029 B	dibenzo[a,h]pyrene (ng/g)	0.12
2-methylnaphthalene (ng/g)	4.31	dibenzo[a,i]pyrene (mMol/g)	< 0.00000000104 U
2-methylphenanthrene (mMol/g)	0.00000009929	dibenzo[a,i]pyrene (ng/g)	0.32
2-methylphenanthrene (ng/g)	19.1	dibenzo[a,l]pyrene (mMol/g)	0.00000000911
3,6-dimethylphenanthrene (mMol/g)	0.00000001755	dibenzo[a,l]pyrene (ng/g)	2.75
3,6-dimethylphenanthrene (ng/g)	3.62	dibenzo[e,l]pyrene (mMol/g)	0.00000003789
5-methylchrysene (mMol/g)	< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)	11.4
5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000001552

 <b>Project Name:</b> MyExposome PO 221		<b>Food Safety and Environmental Stewardship Program</b> 	
<b>Project Number:</b> F19-34: MyExposome PO 221		<b>COA Report</b>	
6-methylchrysene (mMol/g)	< 0.00000000082 U	dibenzothiophene (ng/g)	2.86
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000013847
7,12-dimethylbenz[a]anthracene (mMol/g)	0.00000000534	fluoranthene (ng/g)	28.0
7,12-dimethylbenz[a]anthracene (ng/g)	1.37	fluorene (mMol/g)	0.00000003260
9,10-dimethylantracene (mMol/g)	< 0.00000000092 U	fluorene (ng/g)	5.42
9,10-dimethylantracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000003953
9-methylantracene (mMol/g)	< 0.00000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	10.9
9-methylantracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000003738 B
acenaphthene (mMol/g)	< 0.00000000154 U	naphthalene (ng/g)	4.79
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	0.00000001320
acenaphthylene (mMol/g)	< 0.00000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	3.99
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.00000000123 U
anthanthrene (mMol/g)	< 0.00000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.00000000123 U
anthracene (mMol/g)	< 0.00000000131 U	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	0.23	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.00000000123 U
benz[a]anthracene (mMol/g)	0.00000001688	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	3.85	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.00000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	0.00000000822
benzo[a]chrysene (mMol/g)	0.00000002188	perylene (ng/g)	2.07
benzo[a]chrysene (ng/g)	6.09	phenanthrene (mMol/g)	0.00000024581
benzo[a]fluorene (mMol/g)	0.00000000708	phenanthrene (ng/g)	43.8
benzo[a]fluorene (ng/g)	1.53	Pyrene (mMol/g)	0.00000008184
benzo[a]pyrene (mMol/g)	0.00000002193	Pyrene (ng/g)	16.6
benzo[a]pyrene (ng/g)	5.53	retene (mMol/g)	0.00000002629 B
benzo[b]fluoranthene (mMol/g)	0.00000005158	retene (ng/g)	6.16
benzo[b]fluoranthene (ng/g)	13.0	triphenylene (mMol/g)	0.00000001756
benzo[b]fluorene (mMol/g)	< 0.00000000172 U	triphenylene (ng/g)	4.01
benzo[b]fluorene (ng/g)	0.37		

Client Sample Name:		ABR_0315	Test Method:		Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID:		A191143	Date Received:		08/09/19
			Matrix:		Passive Sampling Device - Personal
Chemical Name		Concentration (mMol/g)	Chemical Name		Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)		0.00000001186	benzo[b]perylene (mMol/g)		< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)		1.85	benzo[b]perylene (ng/g)		0.37
1,4-dimethylnaphthalene (mMol/g)		< 0.00000000176 U	benzo[c]fluorene (mMol/g)		< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)		0.28	benzo[c]fluorene (ng/g)		0.07
1,5-dimethylnaphthalene (mMol/g)		0.00000000566 J	benzo[e]pyrene (mMol/g)		0.00000000925
1,5-dimethylnaphthalene (ng/g)		0.88	benzo[e]pyrene (ng/g)		2.33
1,6 and 1,3-Dimethylnaphthalene (mMol/g)		< 0.00000000115 U	benzo[ghi]perylene (mMol/g)		0.00000000842
1,6 and 1,3-Dimethylnaphthalene (ng/g)		0.18	benzo[ghi]perylene (ng/g)		2.32
1,8-dimethylnaphthalene (mMol/g)		< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)		0.00000000556
1,8-dimethylnaphthalene (ng/g)		0.18	benzo[j]fluoranthene (ng/g)		1.40
1-methylnaphthalene (mMol/g)		0.00000000322 B	benzo[k]fluoranthene (mMol/g)		0.00000000622
1-methylnaphthalene (ng/g)		0.46	benzo[k]fluoranthene (ng/g)		1.57
1-methylphenanthrene (mMol/g)		< 0.00000000122 U	chrysene (mMol/g)		0.00000001213
1-methylphenanthrene (ng/g)		0.24	chrysene (ng/g)		2.77
1-methylpyrene (mMol/g)		0.00000000885	coronene (mMol/g)		< 0.00000000052 U
1-methylpyrene (ng/g)		1.91	coronene (ng/g)		0.16
2,3-dimethylantracene (mMol/g)		< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)		< 0.00000000052 U
2,3-dimethylantracene (ng/g)		0.08	cyclopenta[cd]pyrene (ng/g)		0.12
2,6-diethylnaphthalene (mMol/g)		< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)		< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)		0.18	dibenzo[a,e]fluoranthene (ng/g)		0.10
2,6-dimethylnaphthalene (mMol/g)		< 0.00000000127 U	dibenzo[a,e]pyrene (mMol/g)		< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)		0.20	dibenzo[a,e]pyrene (ng/g)		1.43
2-ethylnaphthalene (mMol/g)		< 0.00000000138 U	dibenzo[a,h]anthracene (mMol/g)		< 0.00000000081 U
2-ethylnaphthalene (ng/g)		0.22	dibenzo[a,h]anthracene (ng/g)		0.23
2-methylantracene (ng/g)		5.14	dibenzo[a,h]pyrene (mMol/g)		< 0.00000000038 U
2-methylnaphthalene (mMol/g)		0.00000003925 B	dibenzo[a,h]pyrene (ng/g)		0.12
2-methylnaphthalene (ng/g)		5.58	dibenzo[a,i]pyrene (mMol/g)		< 0.00000000104 U
2-methylphenanthrene (mMol/g)		0.00000003680	dibenzo[a,i]pyrene (ng/g)		0.32
2-methylphenanthrene (ng/g)		7.08	dibenzo[a,l]pyrene (mMol/g)		< 0.00000000035 U
3,6-dimethylphenanthrene (mMol/g)		0.00000000599	dibenzo[a,l]pyrene (ng/g)		0.11
3,6-dimethylphenanthrene (ng/g)		1.24	dibenzo[e,l]pyrene (mMol/g)		< 0.00000000123 U
5-methylchrysene (mMol/g)		< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)		0.37

5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000000611
6-methylchrysene (mMol/g)	< 0.00000000082 U	dibenzothiophene (ng/g)	1.13
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000006014
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.00000000081 U	fluoranthene (ng/g)	12.2
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000002184
9,10-dimethylantracene (mMol/g)	< 0.00000000092 U	fluorene (ng/g)	3.63
9,10-dimethylantracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000000734
9-methylantracene (mMol/g)	< 0.00000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	2.03
9-methylantracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000001955 B
acenaphthene (mMol/g)	< 0.00000000154 U	naphthalene (ng/g)	2.51
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	< 0.00000000123 U
acenaphthylene (mMol/g)	< 0.00000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	0.37
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.00000000123 U
anthanthrene (mMol/g)	< 0.00000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.00000000123 U
anthracene (mMol/g)	0.00000002987	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	5.32	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.00000000123 U
benz[a]anthracene (mMol/g)	0.00000000804	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	1.83	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.00000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	< 0.00000000088 U
benzo[a]chrysene (mMol/g)	< 0.00000000059 U	perylene (ng/g)	0.22
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.00000015020
benzo[a]fluorene (mMol/g)	< 0.00000000172 U	phenanthrene (ng/g)	26.8
benzo[a]fluorene (ng/g)	0.37	Pyrene (mMol/g)	0.00000003726
benzo[a]pyrene (mMol/g)	< 0.00000000104 U	Pyrene (ng/g)	7.54
benzo[a]pyrene (ng/g)	0.26	retene (mMol/g)	0.00000001326 B
benzo[b]fluoranthene (mMol/g)	0.00000001049	retene (ng/g)	3.11
benzo[b]fluoranthene (ng/g)	2.65	triphenylene (mMol/g)	0.00000000621
benzo[b]fluorene (mMol/g)	< 0.00000000172 U	triphenylene (ng/g)	1.42
benzo[b]fluorene (ng/g)	0.37		

Client Sample Name:		DRO_1212	Test Method:		Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID:		A191144	Date Received:		08/09/19
			Matrix:		Passive Sampling Device - Personal
Chemical Name		Concentration (mMol/g)	Chemical Name		Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)		< 0.00000000134 U	benzo[b]perylene (mMol/g)		< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)		0.21	benzo[b]perylene (ng/g)		0.37
1,4-dimethylnaphthalene (mMol/g)		< 0.00000000176 U	benzo[c]fluorene (mMol/g)		0.00000000518
1,4-dimethylnaphthalene (ng/g)		0.28	benzo[c]fluorene (ng/g)		1.12
1,5-dimethylnaphthalene (mMol/g)		< 0.00000000169 U	benzo[e]pyrene (mMol/g)		0.00000005664
1,5-dimethylnaphthalene (ng/g)		0.26	benzo[e]pyrene (ng/g)		14.3
1,6 and 1,3-Dimethylnaphthalene (mMol/g)		< 0.00000000115 U	benzo[ghi]perylene (mMol/g)		0.00000007973
1,6 and 1,3-Dimethylnaphthalene (ng/g)		0.18	benzo[ghi]perylene (ng/g)		22.0
1,8-dimethylnaphthalene (mMol/g)		< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)		0.00000003704
1,8-dimethylnaphthalene (ng/g)		0.18	benzo[j]fluoranthene (ng/g)		9.35
1-methylnaphthalene (mMol/g)		0.00000003660 B	benzo[k]fluoranthene (mMol/g)		0.00000003332
1-methylnaphthalene (ng/g)		5.20	benzo[k]fluoranthene (ng/g)		8.41
1-methylphenanthrene (mMol/g)		< 0.00000000122 U	chrysene (mMol/g)		0.00000005430
1-methylphenanthrene (ng/g)		0.24	chrysene (ng/g)		12.4
1-methylpyrene (mMol/g)		0.00000001566	coronene (mMol/g)		0.00000000601
1-methylpyrene (ng/g)		3.39	coronene (ng/g)		1.80
2,3-dimethylantracene (mMol/g)		< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)		< 0.00000000052 U
2,3-dimethylantracene (ng/g)		0.08	cyclopenta[cd]pyrene (ng/g)		0.12
2,6-diethylnaphthalene (mMol/g)		< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)		0.00000001451
2,6-diethylnaphthalene (ng/g)		0.18	dibenzo[a,e]fluoranthene (ng/g)		4.38
2,6-dimethylnaphthalene (mMol/g)		0.00000004511 B	dibenzo[a,e]pyrene (mMol/g)		0.00000000966 J
2,6-dimethylnaphthalene (ng/g)		7.05	dibenzo[a,e]pyrene (ng/g)		2.92
2-ethylnaphthalene (mMol/g)		< 0.00000000138 U	dibenzo[a,h]anthracene (mMol/g)		< 0.00000000081 U
2-ethylnaphthalene (ng/g)		0.22	dibenzo[a,h]anthracene (ng/g)		0.23
2-methylantracene (ng/g)		24.6	dibenzo[a,h]pyrene (mMol/g)		< 0.00000000038 U
2-methylnaphthalene (mMol/g)		0.00000010058 B	dibenzo[a,h]pyrene (ng/g)		0.12
2-methylnaphthalene (ng/g)		14.3	dibenzo[a,i]pyrene (mMol/g)		< 0.00000000104 U
2-methylphenanthrene (mMol/g)		0.00000013498	dibenzo[a,i]pyrene (ng/g)		0.32
2-methylphenanthrene (ng/g)		25.9	dibenzo[a,l]pyrene (mMol/g)		0.00000001589
3,6-dimethylphenanthrene (mMol/g)		0.00000002734	dibenzo[a,l]pyrene (ng/g)		4.80
3,6-dimethylphenanthrene (ng/g)		5.64	dibenzo[e,l]pyrene (mMol/g)		0.00000004932
5-methylchrysene (mMol/g)		< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)		14.9
5-methylchrysene (ng/g)		0.37	dibenzothiophene (mMol/g)		0.00000001965

 <b>Project Name:</b> MyExposome PO 221		<b>Food Safety and Environmental Stewardship Program</b>	
<b>Project Number:</b> F19-34: MyExposome PO 221		<b>COA Report</b> 	
6-methylchrysene (mMol/g)	< 0.0000000082 U	dibenzothiophene (ng/g)	3.62
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000018485
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	37.4
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000003173
9,10-dimethylanthracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	5.28
9,10-dimethylanthracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000006554
9-methylanthracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	18.1
9-methylanthracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000006981 B
acenaphthene (mMol/g)	< 0.0000000154 U	naphthalene (ng/g)	8.95
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	0.00000002271
acenaphthylene (mMol/g)	0.00000001490 J	naphtho[1,2-b]fluoranthene (ng/g)	6.87
acenaphthylene (ng/g)	2.27	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.0000000123 U
anthracene (mMol/g)	0.00000004236	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	7.55	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	0.00000003869	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	8.83	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	0.00000002004
benzo[a]chrysene (mMol/g)	0.00000003223	perylene (ng/g)	5.06
benzo[a]chrysene (ng/g)	8.97	phenanthrene (mMol/g)	0.00000038542
benzo[a]fluorene (mMol/g)	0.00000001054	phenanthrene (ng/g)	68.7
benzo[a]fluorene (ng/g)	2.28	Pyrene (mMol/g)	0.00000010532
benzo[a]pyrene (mMol/g)	0.00000004062	Pyrene (ng/g)	21.3
benzo[a]pyrene (ng/g)	10.2	retene (mMol/g)	0.00000003031 B
benzo[b]fluoranthene (mMol/g)	0.00000007397	retene (ng/g)	7.10
benzo[b]fluoranthene (ng/g)	18.7	triphenylene (mMol/g)	0.00000002255
benzo[b]fluorene (mMol/g)	< 0.0000000172 U	triphenylene (ng/g)	5.15
benzo[b]fluorene (ng/g)	0.37		

Client Sample Name:		IMO_1105	Test Method:		Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID:		A191145	Date Received:		08/09/19
			Matrix:		Passive Sampling Device - Personal
Chemical Name		Concentration (mMol/g)	Chemical Name		Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)		0.00000001711	benzo[b]perylene (mMol/g)		< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)		2.67	benzo[b]perylene (ng/g)		0.37
1,4-dimethylnaphthalene (mMol/g)		0.00000000318 JB	benzo[c]fluorene (mMol/g)		< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)		0.50	benzo[c]fluorene (ng/g)		0.07
1,5-dimethylnaphthalene (mMol/g)		0.00000000741 J	benzo[e]pyrene (mMol/g)		0.00000000915
1,5-dimethylnaphthalene (ng/g)		1.16	benzo[e]pyrene (ng/g)		2.31
1,6 and 1,3-Dimethylnaphthalene (mMol/g)		< 0.00000000115 U	benzo[ghi]perylene (mMol/g)		0.00000000854
1,6 and 1,3-Dimethylnaphthalene (ng/g)		0.18	benzo[ghi]perylene (ng/g)		2.36
1,8-dimethylnaphthalene (mMol/g)		< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)		0.00000000515
1,8-dimethylnaphthalene (ng/g)		0.18	benzo[j]fluoranthene (ng/g)		1.30
1-methylnaphthalene (mMol/g)		< 0.00000000044 U	benzo[k]fluoranthene (mMol/g)		0.00000000544
1-methylnaphthalene (ng/g)		0.06	benzo[k]fluoranthene (ng/g)		1.37
1-methylphenanthrene (mMol/g)		< 0.00000000122 U	chrysene (mMol/g)		0.00000000989
1-methylphenanthrene (ng/g)		0.24	chrysene (ng/g)		2.26
1-methylpyrene (mMol/g)		0.00000001035	coronene (mMol/g)		< 0.00000000052 U
1-methylpyrene (ng/g)		2.24	coronene (ng/g)		0.16
2,3-dimethylantracene (mMol/g)		< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)		< 0.00000000052 U
2,3-dimethylantracene (ng/g)		0.08	cyclopenta[cd]pyrene (ng/g)		0.12
2,6-diethylnaphthalene (mMol/g)		< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)		< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)		0.18	dibenzo[a,e]fluoranthene (ng/g)		0.10
2,6-dimethylnaphthalene (mMol/g)		< 0.00000000127 U	dibenzo[a,e]pyrene (mMol/g)		< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)		0.20	dibenzo[a,e]pyrene (ng/g)		1.43
2-ethylnaphthalene (mMol/g)		< 0.00000000138 U	dibenzo[a,h]anthracene (mMol/g)		< 0.00000000081 U
2-ethylnaphthalene (ng/g)		0.22	dibenzo[a,h]anthracene (ng/g)		0.23
2-methylantracene (ng/g)		18.0	dibenzo[a,h]pyrene (mMol/g)		< 0.00000000038 U
2-methylnaphthalene (mMol/g)		0.00000002542 B	dibenzo[a,h]pyrene (ng/g)		0.12
2-methylnaphthalene (ng/g)		3.61	dibenzo[a,i]pyrene (mMol/g)		< 0.00000000104 U
2-methylphenanthrene (mMol/g)		0.00000009711	dibenzo[a,i]pyrene (ng/g)		0.32
2-methylphenanthrene (ng/g)		18.7	dibenzo[a,l]pyrene (mMol/g)		< 0.00000000035 U
3,6-dimethylphenanthrene (mMol/g)		0.00000001745	dibenzo[a,l]pyrene (ng/g)		0.11
3,6-dimethylphenanthrene (ng/g)		3.60	dibenzo[e,l]pyrene (mMol/g)		< 0.00000000123 U
5-methylchrysene (mMol/g)		< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)		0.37



5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000002030
6-methylchrysene (mMol/g)	< 0.00000000082 U	dibenzothiophene (ng/g)	3.74
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000006311
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.00000000081 U	fluoranthene (ng/g)	12.8
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000002360
9,10-dimethylantracene (mMol/g)	< 0.00000000092 U	fluorene (ng/g)	3.92
9,10-dimethylantracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000000762
9-methylantracene (mMol/g)	< 0.00000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	2.11
9-methylantracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000001174 B
acenaphthene (mMol/g)	< 0.00000000154 U	naphthalene (ng/g)	1.50
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	< 0.00000000123 U
acenaphthylene (mMol/g)	< 0.00000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	0.37
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.00000000123 U
anthanthrene (mMol/g)	< 0.00000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.00000000123 U
anthracene (mMol/g)	< 0.00000000131 U	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	0.23	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.00000000123 U
benz[a]anthracene (mMol/g)	0.00000000642	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	1.47	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.00000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	< 0.00000000088 U
benzo[a]chrysene (mMol/g)	< 0.00000000059 U	perylene (ng/g)	0.22
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.00000022707
benzo[a]fluorene (mMol/g)	< 0.00000000172 U	phenanthrene (ng/g)	40.5
benzo[a]fluorene (ng/g)	0.37	Pyrene (mMol/g)	0.00000004432
benzo[a]pyrene (mMol/g)	< 0.00000000104 U	Pyrene (ng/g)	8.96
benzo[a]pyrene (ng/g)	0.26	retene (mMol/g)	0.00000001817 B
benzo[b]fluoranthene (mMol/g)	0.00000000892	retene (ng/g)	4.26
benzo[b]fluoranthene (ng/g)	2.25	triphenylene (mMol/g)	0.00000000738
benzo[b]fluorene (mMol/g)	< 0.00000000172 U	triphenylene (ng/g)	1.68
benzo[b]fluorene (ng/g)	0.37		





Client Sample Name: TST_0815		Test Method:	Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID: A191146		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (mMol/g)	Chemical Name	Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)	< 0.00000000134 U	benzo[b]perylene (mMol/g)	< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)	0.21	benzo[b]perylene (ng/g)	0.37
1,4-dimethylnaphthalene (mMol/g)	0.00000000706 JB	benzo[c]fluorene (mMol/g)	< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)	1.10	benzo[c]fluorene (ng/g)	0.07
1,5-dimethylnaphthalene (mMol/g)	< 0.00000000169 U	benzo[e]pyrene (mMol/g)	0.00000002363
1,5-dimethylnaphthalene (ng/g)	0.26	benzo[e]pyrene (ng/g)	5.96
1,6 and 1,3-Dimethylnaphthalene (mMol/g)	< 0.00000000115 U	benzo[ghi]perylene (mMol/g)	0.00000002846
1,6 and 1,3-Dimethylnaphthalene (ng/g)	0.18	benzo[ghi]perylene (ng/g)	7.86
1,8-dimethylnaphthalene (mMol/g)	< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)	0.00000001418
1,8-dimethylnaphthalene (ng/g)	0.18	benzo[j]fluoranthene (ng/g)	3.58
1-methylnaphthalene (mMol/g)	0.00000001036 B	benzo[k]fluoranthene (mMol/g)	0.00000001348
1-methylnaphthalene (ng/g)	1.47	benzo[k]fluoranthene (ng/g)	3.40
1-methylphenanthrene (mMol/g)	< 0.00000000122 U	chrysene (mMol/g)	0.00000002770
1-methylphenanthrene (ng/g)	0.24	chrysene (ng/g)	6.32
1-methylpyrene (mMol/g)	0.00000001710	coronene (mMol/g)	0.00000000364
1-methylpyrene (ng/g)	3.70	coronene (ng/g)	1.09
2,3-dimethylantracene (mMol/g)	< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)	< 0.00000000052 U
2,3-dimethylantracene (ng/g)	0.08	cyclopenta[cd]pyrene (ng/g)	0.12
2,6-diethylnaphthalene (mMol/g)	< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)	< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)	0.18	dibenzo[a,e]fluoranthene (ng/g)	0.10
2,6-dimethylnaphthalene (mMol/g)	0.00000004537 B	dibenzo[a,e]pyrene (mMol/g)	< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)	7.09	dibenzo[a,e]pyrene (ng/g)	1.43
2-ethylnaphthalene (mMol/g)	0.00000001678	dibenzo[a,h]anthracene (mMol/g)	< 0.00000000081 U
2-ethylnaphthalene (ng/g)	2.62	dibenzo[a,h]anthracene (ng/g)	0.23
2-methylantracene (ng/g)	15.0	dibenzo[a,h]pyrene (mMol/g)	< 0.00000000038 U
2-methylnaphthalene (mMol/g)	0.00000005370 B	dibenzo[a,h]pyrene (ng/g)	0.12
2-methylnaphthalene (ng/g)	7.64	dibenzo[a,i]pyrene (mMol/g)	< 0.00000000104 U
2-methylphenanthrene (mMol/g)	0.00000010374	dibenzo[a,i]pyrene (ng/g)	0.32
2-methylphenanthrene (ng/g)	19.9	dibenzo[a,l]pyrene (mMol/g)	< 0.00000000035 U
3,6-dimethylphenanthrene (mMol/g)	0.00000001924	dibenzo[a,l]pyrene (ng/g)	0.11
3,6-dimethylphenanthrene (ng/g)	3.97	dibenzo[e,l]pyrene (mMol/g)	< 0.00000000123 U
5-methylchrysene (mMol/g)	< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)	0.37
5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000001822

6-methylchrysene (mMol/g)	< 0.0000000082 U	dibenzothiophene (ng/g)	3.36
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000012966
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	26.2
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000002667
9,10-dimethylanthracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	4.43
9,10-dimethylanthracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000002331
9-methylanthracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	6.44
9-methylanthracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000003111 B
acenaphthene (mMol/g)	< 0.0000000154 U	naphthalene (ng/g)	3.99
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	0.00000000988
acenaphthylene (mMol/g)	< 0.0000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	2.99
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.0000000123 U
anthracene (mMol/g)	0.00000004714	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	8.40	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	0.00000001312	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	3.00	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	< 0.0000000088 U
benzo[a]chrysene (mMol/g)	< 0.0000000059 U	perylene (ng/g)	0.22
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.000000031119
benzo[a]fluorene (mMol/g)	< 0.0000000172 U	phenanthrene (ng/g)	55.5
benzo[a]fluorene (ng/g)	0.37	Pyrene (mMol/g)	0.0000000846
benzo[a]pyrene (mMol/g)	0.00000001248	Pyrene (ng/g)	17.1
benzo[a]pyrene (ng/g)	3.15	retene (mMol/g)	0.00000004719 B
benzo[b]fluoranthene (mMol/g)	0.00000002858	retene (ng/g)	11.0
benzo[b]fluoranthene (ng/g)	7.21	triphenylene (mMol/g)	0.00000001418
benzo[b]fluorene (mMol/g)	< 0.0000000172 U	triphenylene (ng/g)	3.24
benzo[b]fluorene (ng/g)	0.37		

Client Sample Name: RGD_1001		Test Method:	Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID: A191147		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (mMol/g)	Chemical Name	Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)	0.00000001669	benzo[b]perylene (mMol/g)	< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)	2.61	benzo[b]perylene (ng/g)	0.37
1,4-dimethylnaphthalene (mMol/g)	0.00000000237 JB	benzo[c]fluorene (mMol/g)	< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)	0.37	benzo[c]fluorene (ng/g)	0.07
1,5-dimethylnaphthalene (mMol/g)	0.00000000901	benzo[e]pyrene (mMol/g)	0.00000001278
1,5-dimethylnaphthalene (ng/g)	1.41	benzo[e]pyrene (ng/g)	3.22
1,6 and 1,3-Dimethylnaphthalene (mMol/g)	< 0.00000000115 U	benzo[ghi]perylene (mMol/g)	0.00000001155
1,6 and 1,3-Dimethylnaphthalene (ng/g)	0.18	benzo[ghi]perylene (ng/g)	3.19
1,8-dimethylnaphthalene (mMol/g)	< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)	0.00000000681
1,8-dimethylnaphthalene (ng/g)	0.18	benzo[j]fluoranthene (ng/g)	1.72
1-methylnaphthalene (mMol/g)	0.00000001527 B	benzo[k]fluoranthene (mMol/g)	0.00000000750
1-methylnaphthalene (ng/g)	2.17	benzo[k]fluoranthene (ng/g)	1.89
1-methylphenanthrene (mMol/g)	< 0.00000000122 U	chrysene (mMol/g)	0.00000001457
1-methylphenanthrene (ng/g)	0.24	chrysene (ng/g)	3.33
1-methylpyrene (mMol/g)	0.00000001430	coronene (mMol/g)	< 0.00000000052 U
1-methylpyrene (ng/g)	3.09	coronene (ng/g)	0.16
2,3-dimethylantracene (mMol/g)	< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)	< 0.00000000052 U
2,3-dimethylantracene (ng/g)	0.08	cyclopenta[cd]pyrene (ng/g)	0.12
2,6-diethylnaphthalene (mMol/g)	< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)	< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)	0.18	dibenzo[a,e]fluoranthene (ng/g)	0.10
2,6-dimethylnaphthalene (mMol/g)	0.00000004415 B	dibenzo[a,e]pyrene (mMol/g)	< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)	6.90	dibenzo[a,e]pyrene (ng/g)	1.43
2-ethylnaphthalene (mMol/g)	0.00000002309	dibenzo[a,h]anthracene (mMol/g)	< 0.00000000081 U
2-ethylnaphthalene (ng/g)	3.60	dibenzo[a,h]anthracene (ng/g)	0.23
2-methylantracene (ng/g)	9.67	dibenzo[a,h]pyrene (mMol/g)	< 0.00000000038 U
2-methylnaphthalene (mMol/g)	0.00000006463 B	dibenzo[a,h]pyrene (ng/g)	0.12
2-methylnaphthalene (ng/g)	9.19	dibenzo[a,i]pyrene (mMol/g)	< 0.00000000104 U
2-methylphenanthrene (mMol/g)	0.00000006185	dibenzo[a,i]pyrene (ng/g)	0.32
2-methylphenanthrene (ng/g)	11.9	dibenzo[a,l]pyrene (mMol/g)	< 0.00000000035 U
3,6-dimethylphenanthrene (mMol/g)	0.00000001264	dibenzo[a,l]pyrene (ng/g)	0.11
3,6-dimethylphenanthrene (ng/g)	2.61	dibenzo[e,l]pyrene (mMol/g)	< 0.00000000123 U
5-methylchrysene (mMol/g)	< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)	0.37
5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000001377

6-methylchrysene (mMol/g)	< 0.0000000082 U	dibenzothiophene (ng/g)	2.54
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.000000082
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	16.6
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.0000003032
9,10-dimethylanthracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	5.04
9,10-dimethylanthracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.0000001022
9-methylanthracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	2.82
9-methylanthracene (ng/g)	0.19	naphthalene (mMol/g)	0.0000003767 B
acenaphthene (mMol/g)	< 0.0000000154 U	naphthalene (ng/g)	4.83
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	< 0.0000000123 U
acenaphthylene (mMol/g)	< 0.0000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	0.37
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.0000000123 U
anthracene (mMol/g)	< 0.0000000131 U	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	0.23	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	< 0.0000000073 U	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	0.17	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	< 0.0000000088 U
benzo[a]chrysene (mMol/g)	< 0.0000000059 U	perylene (ng/g)	0.22
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.00000025147
benzo[a]fluorene (mMol/g)	< 0.0000000172 U	phenanthrene (ng/g)	44.8
benzo[a]fluorene (ng/g)	0.37	Pyrene (mMol/g)	0.0000006907
benzo[a]pyrene (mMol/g)	< 0.0000000104 U	Pyrene (ng/g)	14.0
benzo[a]pyrene (ng/g)	0.26	retene (mMol/g)	0.0000002181 B
benzo[b]fluoranthene (mMol/g)	0.0000001257	retene (ng/g)	5.11
benzo[b]fluoranthene (ng/g)	3.17	triphenylene (mMol/g)	0.0000001070
benzo[b]fluorene (mMol/g)	< 0.0000000172 U	triphenylene (ng/g)	2.44
benzo[b]fluorene (ng/g)	0.37		

Client Sample Name:		BHA_0419	Test Method:		Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID:		A191148	Date Received:		08/09/19
			Matrix:		Passive Sampling Device - Personal
Chemical Name		Concentration (mMol/g)	Chemical Name		Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)		0.00000001354	benzo[b]perylene (mMol/g)		< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)		2.12	benzo[b]perylene (ng/g)		0.37
1,4-dimethylnaphthalene (mMol/g)		0.00000000296 JB	benzo[c]fluorene (mMol/g)		< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)		0.46	benzo[c]fluorene (ng/g)		0.07
1,5-dimethylnaphthalene (mMol/g)		0.00000000731 J	benzo[e]pyrene (mMol/g)		0.00000010633
1,5-dimethylnaphthalene (ng/g)		1.14	benzo[e]pyrene (ng/g)		26.8
1,6 and 1,3-Dimethylnaphthalene (mMol/g)		< 0.00000000115 U	benzo[ghi]perylene (mMol/g)		0.00000015546
1,6 and 1,3-Dimethylnaphthalene (ng/g)		0.18	benzo[ghi]perylene (ng/g)		43.0
1,8-dimethylnaphthalene (mMol/g)		< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)		0.00000006764
1,8-dimethylnaphthalene (ng/g)		0.18	benzo[j]fluoranthene (ng/g)		17.1
1-methylnaphthalene (mMol/g)		< 0.00000000044 U	benzo[k]fluoranthene (mMol/g)		0.00000006330
1-methylnaphthalene (ng/g)		0.06	benzo[k]fluoranthene (ng/g)		16.0
1-methylphenanthrene (mMol/g)		< 0.00000000122 U	chrysene (mMol/g)		0.00000010218
1-methylphenanthrene (ng/g)		0.24	chrysene (ng/g)		23.3
1-methylpyrene (mMol/g)		0.00000001073	coronene (mMol/g)		0.00000001177
1-methylpyrene (ng/g)		2.32	coronene (ng/g)		3.53
2,3-dimethylantracene (mMol/g)		< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)		< 0.00000000052 U
2,3-dimethylantracene (ng/g)		0.08	cyclopenta[cd]pyrene (ng/g)		0.12
2,6-diethylnaphthalene (mMol/g)		< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)		0.00000002196
2,6-diethylnaphthalene (ng/g)		0.18	dibenzo[a,e]fluoranthene (ng/g)		6.64
2,6-dimethylnaphthalene (mMol/g)		< 0.00000000127 U	dibenzo[a,e]pyrene (mMol/g)		0.00000001573 J
2,6-dimethylnaphthalene (ng/g)		0.20	dibenzo[a,e]pyrene (ng/g)		4.76
2-ethylnaphthalene (mMol/g)		< 0.00000000138 U	dibenzo[a,h]anthracene (mMol/g)		< 0.00000000081 U
2-ethylnaphthalene (ng/g)		0.22	dibenzo[a,h]anthracene (ng/g)		0.23
2-methylantracene (ng/g)		11.0	dibenzo[a,h]pyrene (mMol/g)		< 0.00000000038 U
2-methylnaphthalene (mMol/g)		0.00000002567 B	dibenzo[a,h]pyrene (ng/g)		0.12
2-methylnaphthalene (ng/g)		3.65	dibenzo[a,i]pyrene (mMol/g)		< 0.00000000104 U
2-methylphenanthrene (mMol/g)		0.00000006680	dibenzo[a,i]pyrene (ng/g)		0.32
2-methylphenanthrene (ng/g)		12.8	dibenzo[a,l]pyrene (mMol/g)		0.00000002299
3,6-dimethylphenanthrene (mMol/g)		0.00000001002	dibenzo[a,l]pyrene (ng/g)		6.95
3,6-dimethylphenanthrene (ng/g)		2.07	dibenzo[e,l]pyrene (mMol/g)		0.00000007049
5-methylchrysene (mMol/g)		< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)		21.3
5-methylchrysene (ng/g)		0.37	dibenzothiophene (mMol/g)		0.00000001885

 <b>Project Name:</b> MyExposome PO 221		<b>Food Safety and Environmental Stewardship Program</b>	
<b>Project Number:</b> F19-34: MyExposome PO 221		<b>COA Report</b> 	
6-methylchrysene (mMol/g)	< 0.0000000082 U	dibenzothiophene (ng/g)	3.47
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000037264
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	75.4
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.0000002991
9,10-dimethylantracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	4.97
9,10-dimethylantracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000011618
9-methylantracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	32.1
9-methylantracene (ng/g)	0.19	naphthalene (mMol/g)	0.0000001778 B
acenaphthene (mMol/g)	< 0.0000000154 U	naphthalene (ng/g)	2.28
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	0.0000003516
acenaphthylene (mMol/g)	< 0.0000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	10.6
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	0.0000007148
anthracene (mMol/g)	< 0.0000000131 U	naphtho[2,3-e]pyrene (ng/g)	21.6
anthracene (ng/g)	0.23	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	0.0000004059	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	9.27	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	0.0000001498
benzo[a]chrysene (mMol/g)	0.0000004949	perylene (ng/g)	3.78
benzo[a]chrysene (ng/g)	13.8	phenanthrene (mMol/g)	0.00000034418
benzo[a]fluorene (mMol/g)	0.0000000908	phenanthrene (ng/g)	61.3
benzo[a]fluorene (ng/g)	1.96	Pyrene (mMol/g)	0.00000019536
benzo[a]pyrene (mMol/g)	0.0000004645	Pyrene (ng/g)	39.5
benzo[a]pyrene (ng/g)	11.7	retene (mMol/g)	0.0000001909 B
benzo[b]fluoranthene (mMol/g)	0.00000014331	retene (ng/g)	4.47
benzo[b]fluoranthene (ng/g)	36.2	triphenylene (mMol/g)	0.0000003357
benzo[b]fluorene (mMol/g)	< 0.0000000172 U	triphenylene (ng/g)	7.66
benzo[b]fluorene (ng/g)	0.37		

Client Sample Name:		DSC_0912	Test Method:		Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID:		A191149	Date Received:		08/09/19
			Matrix:		Passive Sampling Device - Personal
Chemical Name		Concentration (mMol/g)	Chemical Name		Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)		0.00000002264	benzo[b]perylene (mMol/g)		< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)		3.54	benzo[b]perylene (ng/g)		0.37
1,4-dimethylnaphthalene (mMol/g)		0.00000000715 JB	benzo[c]fluorene (mMol/g)		< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)		1.12	benzo[c]fluorene (ng/g)		0.07
1,5-dimethylnaphthalene (mMol/g)		0.00000001248	benzo[e]pyrene (mMol/g)		0.00000002335
1,5-dimethylnaphthalene (ng/g)		1.95	benzo[e]pyrene (ng/g)		5.89
1,6 and 1,3-Dimethylnaphthalene (mMol/g)		< 0.00000000115 U	benzo[ghi]perylene (mMol/g)		0.00000002798
1,6 and 1,3-Dimethylnaphthalene (ng/g)		0.18	benzo[ghi]perylene (ng/g)		7.73
1,8-dimethylnaphthalene (mMol/g)		< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)		0.00000001500
1,8-dimethylnaphthalene (ng/g)		0.18	benzo[j]fluoranthene (ng/g)		3.78
1-methylnaphthalene (mMol/g)		0.00000001961 B	benzo[k]fluoranthene (mMol/g)		0.00000001368
1-methylnaphthalene (ng/g)		2.79	benzo[k]fluoranthene (ng/g)		3.45
1-methylphenanthrene (mMol/g)		< 0.00000000122 U	chrysene (mMol/g)		0.00000002942
1-methylphenanthrene (ng/g)		0.24	chrysene (ng/g)		6.72
1-methylpyrene (mMol/g)		0.00000001550	coronene (mMol/g)		0.00000000375
1-methylpyrene (ng/g)		3.35	coronene (ng/g)		1.12
2,3-dimethylantracene (mMol/g)		< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)		< 0.00000000052 U
2,3-dimethylantracene (ng/g)		0.08	cyclopenta[cd]pyrene (ng/g)		0.12
2,6-diethylnaphthalene (mMol/g)		< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)		< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)		0.18	dibenzo[a,e]fluoranthene (ng/g)		0.10
2,6-dimethylnaphthalene (mMol/g)		0.00000004684 B	dibenzo[a,e]pyrene (mMol/g)		< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)		7.32	dibenzo[a,e]pyrene (ng/g)		1.43
2-ethylnaphthalene (mMol/g)		0.00000002136	dibenzo[a,h]anthracene (mMol/g)		< 0.00000000081 U
2-ethylnaphthalene (ng/g)		3.33	dibenzo[a,h]anthracene (ng/g)		0.23
2-methylantracene (ng/g)		62.3	dibenzo[a,h]pyrene (mMol/g)		< 0.00000000038 U
2-methylnaphthalene (mMol/g)		0.00000006817 B	dibenzo[a,h]pyrene (ng/g)		0.12
2-methylnaphthalene (ng/g)		9.69	dibenzo[a,i]pyrene (mMol/g)		< 0.00000000104 U
2-methylphenanthrene (mMol/g)		0.00000030405	dibenzo[a,i]pyrene (ng/g)		0.32
2-methylphenanthrene (ng/g)		58.4	dibenzo[a,l]pyrene (mMol/g)		< 0.00000000035 U
3,6-dimethylphenanthrene (mMol/g)		0.00000006393	dibenzo[a,l]pyrene (ng/g)		0.11
3,6-dimethylphenanthrene (ng/g)		13.2	dibenzo[e,l]pyrene (mMol/g)		< 0.00000000123 U
5-methylchrysene (mMol/g)		< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)		0.37
5-methylchrysene (ng/g)		0.37	dibenzothiophene (mMol/g)		0.00000004216



6-methylchrysene (mMol/g)	< 0.0000000082 U	dibenzothiophene (ng/g)	7.77
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000017889
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	36.2
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000005326
9,10-dimethylanthracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	8.85
9,10-dimethylanthracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000002358
9-methylanthracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	6.52
9-methylanthracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000005213 B
acenaphthene (mMol/g)	< 0.0000000154 U	naphthalene (ng/g)	6.68
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	0.00000000903
acenaphthylene (mMol/g)	< 0.0000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	2.73
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.0000000123 U
anthracene (mMol/g)	< 0.0000000131 U	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	0.23	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	0.00000001658	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	3.78	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	0.00000000653
benzo[a]chrysene (mMol/g)	< 0.0000000059 U	perylene (ng/g)	1.65
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.00000042981
benzo[a]fluorene (mMol/g)	0.00000001318	phenanthrene (ng/g)	76.6
benzo[a]fluorene (ng/g)	2.85	Pyrene (mMol/g)	0.00000010573
benzo[a]pyrene (mMol/g)	0.00000001586	Pyrene (ng/g)	21.4
benzo[a]pyrene (ng/g)	4.00	retene (mMol/g)	0.00000004615 B
benzo[b]fluoranthene (mMol/g)	0.00000003006	retene (ng/g)	10.8
benzo[b]fluoranthene (ng/g)	7.58	triphenylene (mMol/g)	0.00000001607
benzo[b]fluorene (mMol/g)	< 0.0000000172 U	triphenylene (ng/g)	3.67
benzo[b]fluorene (ng/g)	0.37		



Client Sample Name: RBA_0915		Test Method:	Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID: A191150		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (mMol/g)	Chemical Name	Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)	< 0.00000000134 U	benzo[b]perylene (mMol/g)	< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)	0.21	benzo[b]perylene (ng/g)	0.37
1,4-dimethylnaphthalene (mMol/g)	0.00000000337 JB	benzo[c]fluorene (mMol/g)	< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)	0.53	benzo[c]fluorene (ng/g)	0.07
1,5-dimethylnaphthalene (mMol/g)	0.00000001116	benzo[e]pyrene (mMol/g)	0.00000001450
1,5-dimethylnaphthalene (ng/g)	1.74	benzo[e]pyrene (ng/g)	3.66
1,6 and 1,3-Dimethylnaphthalene (mMol/g)	< 0.00000000115 U	benzo[ghi]perylene (mMol/g)	0.00000001972
1,6 and 1,3-Dimethylnaphthalene (ng/g)	0.18	benzo[ghi]perylene (ng/g)	5.45
1,8-dimethylnaphthalene (mMol/g)	< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)	0.00000000887
1,8-dimethylnaphthalene (ng/g)	0.18	benzo[j]fluoranthene (ng/g)	2.24
1-methylnaphthalene (mMol/g)	0.00000001975 B	benzo[k]fluoranthene (mMol/g)	0.00000000918
1-methylnaphthalene (ng/g)	2.81	benzo[k]fluoranthene (ng/g)	2.32
1-methylphenanthrene (mMol/g)	< 0.00000000122 U	chrysene (mMol/g)	0.00000001689
1-methylphenanthrene (ng/g)	0.24	chrysene (ng/g)	3.86
1-methylpyrene (mMol/g)	0.00000001415	coronene (mMol/g)	< 0.00000000052 U
1-methylpyrene (ng/g)	3.06	coronene (ng/g)	0.16
2,3-dimethylantracene (mMol/g)	< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)	< 0.00000000052 U
2,3-dimethylantracene (ng/g)	0.08	cyclopenta[cd]pyrene (ng/g)	0.12
2,6-diethylnaphthalene (mMol/g)	< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)	< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)	0.18	dibenzo[a,e]fluoranthene (ng/g)	0.10
2,6-dimethylnaphthalene (mMol/g)	0.00000004315 B	dibenzo[a,e]pyrene (mMol/g)	< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)	6.74	dibenzo[a,e]pyrene (ng/g)	1.43
2-ethylnaphthalene (mMol/g)	0.00000002037	dibenzo[a,h]anthracene (mMol/g)	< 0.00000000081 U
2-ethylnaphthalene (ng/g)	3.18	dibenzo[a,h]anthracene (ng/g)	0.23
2-methylantracene (ng/g)	22.0	dibenzo[a,h]pyrene (mMol/g)	< 0.00000000038 U
2-methylnaphthalene (mMol/g)	0.00000005457 B	dibenzo[a,h]pyrene (ng/g)	0.12
2-methylnaphthalene (ng/g)	7.76	dibenzo[a,i]pyrene (mMol/g)	< 0.00000000104 U
2-methylphenanthrene (mMol/g)	0.00000011546	dibenzo[a,i]pyrene (ng/g)	0.32
2-methylphenanthrene (ng/g)	22.2	dibenzo[a,l]pyrene (mMol/g)	< 0.00000000035 U
3,6-dimethylphenanthrene (mMol/g)	0.00000002346	dibenzo[a,l]pyrene (ng/g)	0.11
3,6-dimethylphenanthrene (ng/g)	4.84	dibenzo[e,l]pyrene (mMol/g)	< 0.00000000123 U
5-methylchrysene (mMol/g)	< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)	0.37
5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000001807

6-methylchrysene (mMol/g)	< 0.0000000082 U	dibenzothiophene (ng/g)	3.33
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000008909
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	18.0
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000003613
9,10-dimethylantracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	6.01
9,10-dimethylantracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000001705
9-methylantracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	4.71
9-methylantracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000003292 B
acenaphthene (mMol/g)	< 0.0000000154 U	naphthalene (ng/g)	4.22
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	< 0.0000000123 U
acenaphthylene (mMol/g)	< 0.00000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	0.37
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.0000000123 U
anthracene (mMol/g)	0.00000003000	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	5.35	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	< 0.0000000073 U	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	0.17	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	< 0.0000000088 U
benzo[a]chrysene (mMol/g)	< 0.0000000059 U	perylene (ng/g)	0.22
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.000000031493
benzo[a]fluorene (mMol/g)	0.00000000624	phenanthrene (ng/g)	56.1
benzo[a]fluorene (ng/g)	1.35	Pyrene (mMol/g)	0.00000005410
benzo[a]pyrene (mMol/g)	0.00000001048	Pyrene (ng/g)	10.9
benzo[a]pyrene (ng/g)	2.64	retene (mMol/g)	0.00000001999 B
benzo[b]fluoranthene (mMol/g)	0.00000001674	retene (ng/g)	4.68
benzo[b]fluoranthene (ng/g)	4.22	triphenylene (mMol/g)	0.00000001000
benzo[b]fluorene (mMol/g)	< 0.0000000172 U	triphenylene (ng/g)	2.28
benzo[b]fluorene (ng/g)	0.37		

Client Sample Name: KTL_0925		Test Method:	Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID: A191151		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (mMol/g)	Chemical Name	Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)	< 0.00000000134 U	benzo[b]perylene (mMol/g)	< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)	0.21	benzo[b]perylene (ng/g)	0.37
1,4-dimethylnaphthalene (mMol/g)	0.00000000244 JB	benzo[c]fluorene (mMol/g)	< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)	0.38	benzo[c]fluorene (ng/g)	0.07
1,5-dimethylnaphthalene (mMol/g)	0.00000001240	benzo[e]pyrene (mMol/g)	0.000000003174
1,5-dimethylnaphthalene (ng/g)	1.94	benzo[e]pyrene (ng/g)	8.01
1,6 and 1,3-Dimethylnaphthalene (mMol/g)	< 0.00000000115 U	benzo[ghi]perylene (mMol/g)	0.00000003686
1,6 and 1,3-Dimethylnaphthalene (ng/g)	0.18	benzo[ghi]perylene (ng/g)	10.2
1,8-dimethylnaphthalene (mMol/g)	< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)	0.00000001756
1,8-dimethylnaphthalene (ng/g)	0.18	benzo[j]fluoranthene (ng/g)	4.43
1-methylnaphthalene (mMol/g)	0.00000002654 B	benzo[k]fluoranthene (mMol/g)	0.00000001752
1-methylnaphthalene (ng/g)	3.77	benzo[k]fluoranthene (ng/g)	4.42
1-methylphenanthrene (mMol/g)	< 0.00000000122 U	chrysene (mMol/g)	0.000000003117
1-methylphenanthrene (ng/g)	0.24	chrysene (ng/g)	7.12
1-methylpyrene (mMol/g)	0.00000001616	coronene (mMol/g)	0.00000000399
1-methylpyrene (ng/g)	3.49	coronene (ng/g)	1.20
2,3-dimethylantracene (mMol/g)	< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)	< 0.00000000052 U
2,3-dimethylantracene (ng/g)	0.08	cyclopenta[cd]pyrene (ng/g)	0.12
2,6-diethylnaphthalene (mMol/g)	< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)	< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)	0.18	dibenzo[a,e]fluoranthene (ng/g)	0.10
2,6-dimethylnaphthalene (mMol/g)	0.00000004258 B	dibenzo[a,e]pyrene (mMol/g)	< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)	6.65	dibenzo[a,e]pyrene (ng/g)	1.43
2-ethylnaphthalene (mMol/g)	0.00000002487	dibenzo[a,h]anthracene (mMol/g)	< 0.00000000081 U
2-ethylnaphthalene (ng/g)	3.88	dibenzo[a,h]anthracene (ng/g)	0.23
2-methylantracene (ng/g)	15.9	dibenzo[a,h]pyrene (mMol/g)	< 0.00000000038 U
2-methylnaphthalene (mMol/g)	0.00000009470 B	dibenzo[a,h]pyrene (ng/g)	0.12
2-methylnaphthalene (ng/g)	13.5	dibenzo[a,i]pyrene (mMol/g)	< 0.00000000104 U
2-methylphenanthrene (mMol/g)	0.00000010499	dibenzo[a,i]pyrene (ng/g)	0.32
2-methylphenanthrene (ng/g)	20.2	dibenzo[a,l]pyrene (mMol/g)	0.00000000781
3,6-dimethylphenanthrene (mMol/g)	0.00000002196	dibenzo[a,l]pyrene (ng/g)	2.36
3,6-dimethylphenanthrene (ng/g)	4.53	dibenzo[e,l]pyrene (mMol/g)	< 0.00000000123 U
5-methylchrysene (mMol/g)	< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)	0.37
5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000002463

6-methylchrysene (mMol/g)	< 0.0000000082 U	dibenzothiophene (ng/g)	4.54
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000013141
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	26.6
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000005164
9,10-dimethylantracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	8.58
9,10-dimethylantracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000003073
9-methylantracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	8.49
9-methylantracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000018325 B
acenaphthene (mMol/g)	0.00000009336	naphthalene (ng/g)	23.5
acenaphthene (ng/g)	14.4	naphtho[1,2-b]fluoranthene (mMol/g)	0.00000001061
acenaphthylene (mMol/g)	< 0.0000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	3.21
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.0000000123 U
anthracene (mMol/g)	< 0.0000000131 U	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	0.23	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	0.00000001737	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	3.96	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	0.00000000722
benzo[a]chrysene (mMol/g)	< 0.0000000059 U	perylene (ng/g)	1.82
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.00000039082
benzo[a]fluorene (mMol/g)	0.00000000773	phenanthrene (ng/g)	69.6
benzo[a]fluorene (ng/g)	1.67	Pyrene (mMol/g)	0.00000008730
benzo[a]pyrene (mMol/g)	0.00000002069	Pyrene (ng/g)	17.6
benzo[a]pyrene (ng/g)	5.22	retene (mMol/g)	0.00000002942 B
benzo[b]fluoranthene (mMol/g)	0.00000003624	retene (ng/g)	6.90
benzo[b]fluoranthene (ng/g)	9.14	triphenylene (mMol/g)	0.00000001585
benzo[b]fluorene (mMol/g)	< 0.0000000172 U	triphenylene (ng/g)	3.62
benzo[b]fluorene (ng/g)	0.37		



Client Sample Name:		IMO_0627	Test Method:		Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID:		A191152	Date Received:		08/09/19
			Matrix:		Passive Sampling Device - Personal
Chemical Name		Concentration (mMol/g)	Chemical Name		Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)		< 0.00000000134 U	benzo[b]perylene (mMol/g)		< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)		0.21	benzo[b]perylene (ng/g)		0.37
1,4-dimethylnaphthalene (mMol/g)		< 0.00000000176 U	benzo[c]fluorene (mMol/g)		< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)		0.28	benzo[c]fluorene (ng/g)		0.07
1,5-dimethylnaphthalene (mMol/g)		< 0.00000000169 U	benzo[e]pyrene (mMol/g)		0.00000001598
1,5-dimethylnaphthalene (ng/g)		0.26	benzo[e]pyrene (ng/g)		4.03
1,6 and 1,3-Dimethylnaphthalene (mMol/g)		< 0.00000000115 U	benzo[ghi]perylene (mMol/g)		0.00000001869
1,6 and 1,3-Dimethylnaphthalene (ng/g)		0.18	benzo[ghi]perylene (ng/g)		5.16
1,8-dimethylnaphthalene (mMol/g)		< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)		0.00000001090
1,8-dimethylnaphthalene (ng/g)		0.18	benzo[j]fluoranthene (ng/g)		2.75
1-methylnaphthalene (mMol/g)		< 0.00000000044 U	benzo[k]fluoranthene (mMol/g)		0.00000001006
1-methylnaphthalene (ng/g)		0.06	benzo[k]fluoranthene (ng/g)		2.54
1-methylphenanthrene (mMol/g)		< 0.00000000122 U	chrysene (mMol/g)		0.00000001879
1-methylphenanthrene (ng/g)		0.24	chrysene (ng/g)		4.29
1-methylpyrene (mMol/g)		0.00000000868	coronene (mMol/g)		< 0.00000000052 U
1-methylpyrene (ng/g)		1.88	coronene (ng/g)		0.16
2,3-dimethylantracene (mMol/g)		< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)		< 0.00000000052 U
2,3-dimethylantracene (ng/g)		0.08	cyclopenta[cd]pyrene (ng/g)		0.12
2,6-diethylnaphthalene (mMol/g)		< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)		< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)		0.18	dibenzo[a,e]fluoranthene (ng/g)		0.10
2,6-dimethylnaphthalene (mMol/g)		< 0.00000000127 U	dibenzo[a,e]pyrene (mMol/g)		< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)		0.20	dibenzo[a,e]pyrene (ng/g)		1.43
2-ethylnaphthalene (mMol/g)		< 0.00000000138 U	dibenzo[a,h]anthracene (mMol/g)		< 0.00000000081 U
2-ethylnaphthalene (ng/g)		0.22	dibenzo[a,h]anthracene (ng/g)		0.23
2-methylantracene (ng/g)		18.0	dibenzo[a,h]pyrene (mMol/g)		< 0.00000000038 U
2-methylnaphthalene (mMol/g)		0.00000001977 B	dibenzo[a,h]pyrene (ng/g)		0.12
2-methylnaphthalene (ng/g)		2.81	dibenzo[a,i]pyrene (mMol/g)		< 0.00000000104 U
2-methylphenanthrene (mMol/g)		0.00000010417	dibenzo[a,i]pyrene (ng/g)		0.32
2-methylphenanthrene (ng/g)		20.0	dibenzo[a,l]pyrene (mMol/g)		< 0.00000000035 U
3,6-dimethylphenanthrene (mMol/g)		0.00000001613	dibenzo[a,l]pyrene (ng/g)		0.11
3,6-dimethylphenanthrene (ng/g)		3.33	dibenzo[e,l]pyrene (mMol/g)		< 0.00000000123 U
5-methylchrysene (mMol/g)		< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)		0.37

5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000001919
6-methylchrysene (mMol/g)	< 0.00000000082 U	dibenzothiophene (ng/g)	3.54
6-methylchrysene (ng/g)	0.20	fluoranthene (mMol/g)	0.00000009733
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.00000000081 U	fluoranthene (ng/g)	19.7
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	< 0.0000000106 U
9,10-dimethylanthracene (mMol/g)	< 0.00000000092 U	fluorene (ng/g)	0.18
9,10-dimethylanthracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000001606
9-methylanthracene (mMol/g)	< 0.00000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	4.44
9-methylanthracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000000786 JB
acenaphthene (mMol/g)	< 0.00000000154 U	naphthalene (ng/g)	1.01
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	< 0.00000000123 U
acenaphthylene (mMol/g)	< 0.00000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	0.37
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.00000000123 U
anthanthrene (mMol/g)	< 0.00000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.00000000123 U
anthracene (mMol/g)	0.00000004023	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	7.17	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.00000000123 U
benz[a]anthracene (mMol/g)	0.00000000994	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	2.27	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.00000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	0.00000000656
benzo[a]chrysene (mMol/g)	< 0.00000000059 U	perylene (ng/g)	1.66
benzo[a]chrysene (ng/g)	0.16	phenanthrene (mMol/g)	0.000000026183
benzo[a]fluorene (mMol/g)	0.00000000569	phenanthrene (ng/g)	46.7
benzo[a]fluorene (ng/g)	1.23	Pyrene (mMol/g)	0.00000006045
benzo[a]pyrene (mMol/g)	0.00000001196	Pyrene (ng/g)	12.2
benzo[a]pyrene (ng/g)	3.02	retene (mMol/g)	0.00000001804 B
benzo[b]fluoranthene (mMol/g)	0.00000001929	retene (ng/g)	4.23
benzo[b]fluoranthene (ng/g)	4.87	triphenylene (mMol/g)	0.00000000835
benzo[b]fluorene (mMol/g)	< 0.00000000172 U	triphenylene (ng/g)	1.91
benzo[b]fluorene (ng/g)	0.37		





Client Sample Name:		JRD_0318	Test Method:		Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID:		A191153	Date Received:		08/09/19
			Matrix:		Passive Sampling Device - Personal
Chemical Name		Concentration (mMol/g)	Chemical Name		Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)		< 0.00000000134 U	benzo[b]perylene (mMol/g)		< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)		0.21	benzo[b]perylene (ng/g)		0.37
1,4-dimethylnaphthalene (mMol/g)		< 0.00000000176 U	benzo[c]fluorene (mMol/g)		0.00000000608
1,4-dimethylnaphthalene (ng/g)		0.28	benzo[c]fluorene (ng/g)		1.31
1,5-dimethylnaphthalene (mMol/g)		0.00000000771 J	benzo[e]pyrene (mMol/g)		0.00000010657
1,5-dimethylnaphthalene (ng/g)		1.20	benzo[e]pyrene (ng/g)		26.9
1,6 and 1,3-Dimethylnaphthalene (mMol/g)		< 0.00000000115 U	benzo[ghi]perylene (mMol/g)		0.00000015566
1,6 and 1,3-Dimethylnaphthalene (ng/g)		0.18	benzo[ghi]perylene (ng/g)		43.0
1,8-dimethylnaphthalene (mMol/g)		< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)		0.00000007018
1,8-dimethylnaphthalene (ng/g)		0.18	benzo[j]fluoranthene (ng/g)		17.7
1-methylnaphthalene (mMol/g)		0.00000001593 B	benzo[k]fluoranthene (mMol/g)		0.00000006353
1-methylnaphthalene (ng/g)		2.26	benzo[k]fluoranthene (ng/g)		16.0
1-methylphenanthrene (mMol/g)		< 0.00000000122 U	chrysene (mMol/g)		0.00000011964
1-methylphenanthrene (ng/g)		0.24	chrysene (ng/g)		27.3
1-methylpyrene (mMol/g)		0.00000001838	coronene (mMol/g)		0.00000001214
1-methylpyrene (ng/g)		3.98	coronene (ng/g)		3.64
2,3-dimethylantracene (mMol/g)		< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)		< 0.00000000052 U
2,3-dimethylantracene (ng/g)		0.08	cyclopenta[cd]pyrene (ng/g)		0.12
2,6-diethylnaphthalene (mMol/g)		< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)		0.00000002215
2,6-diethylnaphthalene (ng/g)		0.18	dibenzo[a,e]fluoranthene (ng/g)		6.70
2,6-dimethylnaphthalene (mMol/g)		< 0.00000000127 U	dibenzo[a,e]pyrene (mMol/g)		0.00000001579 J
2,6-dimethylnaphthalene (ng/g)		0.20	dibenzo[a,e]pyrene (ng/g)		4.77
2-ethylnaphthalene (mMol/g)		0.00000002690	dibenzo[a,h]anthracene (mMol/g)		< 0.00000000081 U
2-ethylnaphthalene (ng/g)		4.20	dibenzo[a,h]anthracene (ng/g)		0.23
2-methylantracene (ng/g)		11.5	dibenzo[a,h]pyrene (mMol/g)		< 0.00000000038 U
2-methylnaphthalene (mMol/g)		0.00000006797 B	dibenzo[a,h]pyrene (ng/g)		0.12
2-methylnaphthalene (ng/g)		9.66	dibenzo[a,i]pyrene (mMol/g)		< 0.00000000104 U
2-methylphenanthrene (mMol/g)		0.00000008121	dibenzo[a,i]pyrene (ng/g)		0.32
2-methylphenanthrene (ng/g)		15.6	dibenzo[a,l]pyrene (mMol/g)		0.00000002515
3,6-dimethylphenanthrene (mMol/g)		0.00000001372	dibenzo[a,l]pyrene (ng/g)		7.60
3,6-dimethylphenanthrene (ng/g)		2.83	dibenzo[e,l]pyrene (mMol/g)		0.00000006822
5-methylchrysene (mMol/g)		< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)		20.6
5-methylchrysene (ng/g)		0.37	dibenzothiophene (mMol/g)		0.00000001298



 <b>Project Name:</b> MyExposome PO 221		<b>Food Safety and Environmental Stewardship Program</b>	
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6-methylchrysene (mMol/g)	0.00000000530	dibenzothiophene (ng/g)	2.39
6-methylchrysene (ng/g)	1.28	fluoranthene (mMol/g)	0.00000039715
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	80.3
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000002438
9,10-dimethylantracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	4.05
9,10-dimethylantracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000013472
9-methylantracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	37.2
9-methylantracene (ng/g)	0.19	naphthalene (mMol/g)	0.00000002848 B
acenaphthene (mMol/g)	< 0.0000000154 U	naphthalene (ng/g)	3.65
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	0.00000003786
acenaphthylene (mMol/g)	< 0.0000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	11.4
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	0.00000007460
anthracene (mMol/g)	0.00000003359	naphtho[2,3-e]pyrene (ng/g)	22.6
anthracene (ng/g)	5.99	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	0.00000007866	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	18.0	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	0.00000002298
benzo[a]chrysene (mMol/g)	0.00000006449	perylene (ng/g)	5.80
benzo[a]chrysene (ng/g)	18.0	phenanthrene (mMol/g)	0.00000033535
benzo[a]fluorene (mMol/g)	0.00000001641	phenanthrene (ng/g)	59.8
benzo[a]fluorene (ng/g)	3.55	Pyrene (mMol/g)	0.00000021025
benzo[a]pyrene (mMol/g)	0.00000007196	Pyrene (ng/g)	42.5
benzo[a]pyrene (ng/g)	18.2	retene (mMol/g)	0.00000003998 B
benzo[b]fluoranthene (mMol/g)	0.00000014867	retene (ng/g)	9.37
benzo[b]fluoranthene (ng/g)	37.5	triphenylene (mMol/g)	0.00000004048
benzo[b]fluorene (mMol/g)	0.00000001111	triphenylene (ng/g)	9.24
benzo[b]fluorene (ng/g)	2.40		



Client Sample Name: TST_0523		Test Method:	Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID: A191154		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (mMol/g)	Chemical Name	Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)	< 0.00000000134 U	benzo[b]perylene (mMol/g)	< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)	0.21	benzo[b]perylene (ng/g)	0.37
1,4-dimethylnaphthalene (mMol/g)	< 0.00000000176 U	benzo[c]fluorene (mMol/g)	< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)	0.28	benzo[c]fluorene (ng/g)	0.07
1,5-dimethylnaphthalene (mMol/g)	< 0.00000000169 U	benzo[e]pyrene (mMol/g)	0.00000003736
1,5-dimethylnaphthalene (ng/g)	0.26	benzo[e]pyrene (ng/g)	9.43
1,6 and 1,3-Dimethylnaphthalene (mMol/g)	< 0.00000000115 U	benzo[ghi]perylene (mMol/g)	0.00000005533
1,6 and 1,3-Dimethylnaphthalene (ng/g)	0.18	benzo[ghi]perylene (ng/g)	15.3
1,8-dimethylnaphthalene (mMol/g)	< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)	0.00000002580
1,8-dimethylnaphthalene (ng/g)	0.18	benzo[j]fluoranthene (ng/g)	6.51
1-methylnaphthalene (mMol/g)	0.00000000087 JB	benzo[k]fluoranthene (mMol/g)	0.00000002377
1-methylnaphthalene (ng/g)	0.12	benzo[k]fluoranthene (ng/g)	6.00
1-methylphenanthrene (mMol/g)	< 0.00000000122 U	chrysene (mMol/g)	0.00000004697
1-methylphenanthrene (ng/g)	0.24	chrysene (ng/g)	10.7
1-methylpyrene (mMol/g)	0.00000001837	coronene (mMol/g)	0.00000000506
1-methylpyrene (ng/g)	3.97	coronene (ng/g)	1.52
2,3-dimethylantracene (mMol/g)	< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)	< 0.00000000052 U
2,3-dimethylantracene (ng/g)	0.08	cyclopenta[cd]pyrene (ng/g)	0.12
2,6-diethylnaphthalene (mMol/g)	< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)	< 0.00000000034 U
2,6-diethylnaphthalene (ng/g)	0.18	dibenzo[a,e]fluoranthene (ng/g)	0.10
2,6-dimethylnaphthalene (mMol/g)	< 0.00000000127 U	dibenzo[a,e]pyrene (mMol/g)	< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)	0.20	dibenzo[a,e]pyrene (ng/g)	1.43
2-ethylnaphthalene (mMol/g)	0.00000002051	dibenzo[a,h]anthracene (mMol/g)	< 0.00000000081 U
2-ethylnaphthalene (ng/g)	3.20	dibenzo[a,h]anthracene (ng/g)	0.23
2-methylantracene (ng/g)	19.1	dibenzo[a,h]pyrene (mMol/g)	< 0.00000000038 U
2-methylnaphthalene (mMol/g)	0.00000003650 B	dibenzo[a,h]pyrene (ng/g)	0.12
2-methylnaphthalene (ng/g)	5.19	dibenzo[a,i]pyrene (mMol/g)	< 0.00000000104 U
2-methylphenanthrene (mMol/g)	0.00000012401	dibenzo[a,i]pyrene (ng/g)	0.32
2-methylphenanthrene (ng/g)	23.8	dibenzo[a,l]pyrene (mMol/g)	0.00000001138
3,6-dimethylphenanthrene (mMol/g)	0.00000002244	dibenzo[a,l]pyrene (ng/g)	3.44
3,6-dimethylphenanthrene (ng/g)	4.63	dibenzo[e,l]pyrene (mMol/g)	0.00000004076
5-methylchrysene (mMol/g)	< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)	12.3
5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000001397

 <b>Project Name:</b> MyExposome PO 221		<b>Food Safety and Environmental Stewardship Program</b>	
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6-methylchrysene (mMol/g)	0.00000000578	dibenzothiophene (ng/g)	2.57
6-methylchrysene (ng/g)	1.40	fluoranthene (mMol/g)	0.00000017690
7,12-dimethylbenz[a]anthracene (mMol/g)	< 0.0000000081 U	fluoranthene (ng/g)	35.8
7,12-dimethylbenz[a]anthracene (ng/g)	0.21	fluorene (mMol/g)	0.00000003983
9,10-dimethylantracene (mMol/g)	< 0.0000000092 U	fluorene (ng/g)	6.62
9,10-dimethylantracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000004908
9-methylantracene (mMol/g)	< 0.0000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	13.6
9-methylantracene (ng/g)	0.19	naphthalene (mMol/g)	0.0000000184 JB
acenaphthene (mMol/g)	< 0.0000000154 U	naphthalene (ng/g)	0.24
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	0.00000001555
acenaphthylene (mMol/g)	< 0.0000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	4.70
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.0000000123 U
anthanthrene (mMol/g)	< 0.0000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.0000000123 U
anthracene (mMol/g)	0.00000009989	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	17.8	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.0000000123 U
benz[a]anthracene (mMol/g)	0.00000001841	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	4.20	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.0000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	0.00000001107
benzo[a]chrysene (mMol/g)	0.00000002708	perylene (ng/g)	2.79
benzo[a]chrysene (ng/g)	7.54	phenanthrene (mMol/g)	0.000000038597
benzo[a]fluorene (mMol/g)	0.00000001020	phenanthrene (ng/g)	68.8
benzo[a]fluorene (ng/g)	2.20	Pyrene (mMol/g)	0.00000011348
benzo[a]pyrene (mMol/g)	0.00000002802	Pyrene (ng/g)	23.0
benzo[a]pyrene (ng/g)	7.07	retene (mMol/g)	0.00000005174 B
benzo[b]fluoranthene (mMol/g)	0.00000005247	retene (ng/g)	12.1
benzo[b]fluoranthene (ng/g)	13.2	triphenylene (mMol/g)	0.00000001880
benzo[b]fluorene (mMol/g)	< 0.0000000172 U	triphenylene (ng/g)	4.29
benzo[b]fluorene (ng/g)	0.37		

Client Sample Name: JWA_0827		Test Method:	Parent and Alkyl Substituted PAHs by GC-MS/MS
FSES Sample ID: A191155		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (mMol/g)	Chemical Name	Concentration (mMol/g)
1,2-dimethylnaphthalene (mMol/g)	< 0.00000000134 U	benzo[b]perylene (mMol/g)	< 0.00000000123 U
1,2-dimethylnaphthalene (ng/g)	0.21	benzo[b]perylene (ng/g)	0.37
1,4-dimethylnaphthalene (mMol/g)	< 0.00000000176 U	benzo[c]fluorene (mMol/g)	< 0.00000000031 U
1,4-dimethylnaphthalene (ng/g)	0.28	benzo[c]fluorene (ng/g)	0.07
1,5-dimethylnaphthalene (mMol/g)	< 0.00000000169 U	benzo[e]pyrene (mMol/g)	0.00000005848
1,5-dimethylnaphthalene (ng/g)	0.26	benzo[e]pyrene (ng/g)	14.8
1,6 and 1,3-Dimethylnaphthalene (mMol/g)	< 0.00000000115 U	benzo[ghi]perylene (mMol/g)	0.00000005354
1,6 and 1,3-Dimethylnaphthalene (ng/g)	0.18	benzo[ghi]perylene (ng/g)	14.8
1,8-dimethylnaphthalene (mMol/g)	< 0.00000000118 U	benzo[j]fluoranthene (mMol/g)	0.00000003128
1,8-dimethylnaphthalene (ng/g)	0.18	benzo[j]fluoranthene (ng/g)	7.89
1-methylnaphthalene (mMol/g)	< 0.00000000044 U	benzo[k]fluoranthene (mMol/g)	0.00000002530
1-methylnaphthalene (ng/g)	0.06	benzo[k]fluoranthene (ng/g)	6.38
1-methylphenanthrene (mMol/g)	0.00000001375	chrysene (mMol/g)	0.00000006788
1-methylphenanthrene (ng/g)	2.64	chrysene (ng/g)	15.5
1-methylpyrene (mMol/g)	0.00000002891	coronene (mMol/g)	0.00000000884
1-methylpyrene (ng/g)	6.25	coronene (ng/g)	2.65
2,3-dimethylantracene (mMol/g)	< 0.00000000037 U	cyclopenta[cd]pyrene (mMol/g)	< 0.00000000052 U
2,3-dimethylantracene (ng/g)	0.08	cyclopenta[cd]pyrene (ng/g)	0.12
2,6-diethylnaphthalene (mMol/g)	< 0.00000000098 U	dibenzo[a,e]fluoranthene (mMol/g)	0.00000001239
2,6-diethylnaphthalene (ng/g)	0.18	dibenzo[a,e]fluoranthene (ng/g)	3.74
2,6-dimethylnaphthalene (mMol/g)	< 0.00000000127 U	dibenzo[a,e]pyrene (mMol/g)	< 0.00000000473 U
2,6-dimethylnaphthalene (ng/g)	0.20	dibenzo[a,e]pyrene (ng/g)	1.43
2-ethylnaphthalene (mMol/g)	0.00000001167	dibenzo[a,h]anthracene (mMol/g)	< 0.00000000081 U
2-ethylnaphthalene (ng/g)	1.82	dibenzo[a,h]anthracene (ng/g)	0.23
2-methylantracene (ng/g)	20.3	dibenzo[a,h]pyrene (mMol/g)	< 0.00000000038 U
2-methylnaphthalene (mMol/g)	0.00000003363 B	dibenzo[a,h]pyrene (ng/g)	0.12
2-methylnaphthalene (ng/g)	4.78	dibenzo[a,i]pyrene (mMol/g)	< 0.00000000104 U
2-methylphenanthrene (mMol/g)	0.00000016563	dibenzo[a,i]pyrene (ng/g)	0.32
2-methylphenanthrene (ng/g)	31.8	dibenzo[a,l]pyrene (mMol/g)	0.00000001066
3,6-dimethylphenanthrene (mMol/g)	0.00000003397	dibenzo[a,l]pyrene (ng/g)	3.22
3,6-dimethylphenanthrene (ng/g)	7.01	dibenzo[e,l]pyrene (mMol/g)	0.00000004324
5-methylchrysene (mMol/g)	< 0.00000000153 U	dibenzo[e,l]pyrene (ng/g)	13.1
5-methylchrysene (ng/g)	0.37	dibenzothiophene (mMol/g)	0.00000002065
6-methylchrysene (mMol/g)	0.00000001508	dibenzothiophene (ng/g)	3.80

6-methylchrysene (ng/g)	3.65	fluoranthene (mMol/g)	0.00000021180
7,12-dimethylbenz[a]anthracene (mMol/g)	0.00000001158	fluoranthene (ng/g)	42.8
7,12-dimethylbenz[a]anthracene (ng/g)	2.97	fluorene (mMol/g)	0.00000003424
9,10-dimethylanthracene (mMol/g)	< 0.00000000092 U	fluorene (ng/g)	5.69
9,10-dimethylanthracene (ng/g)	0.19	indeno[1,2,3-cd]pyrene (mMol/g)	0.00000003991
9-methylanthracene (mMol/g)	< 0.00000000100 U	indeno[1,2,3-cd]pyrene (ng/g)	11.0
9-methylanthracene (ng/g)	0.19	naphthalene (mMol/g)	< 0.00000000180 U
acenaphthene (mMol/g)	< 0.00000000154 U	naphthalene (ng/g)	0.23
acenaphthene (ng/g)	0.24	naphtho[1,2-b]fluoranthene (mMol/g)	0.00000001393
acenaphthylene (mMol/g)	< 0.00000000340 U	naphtho[1,2-b]fluoranthene (ng/g)	4.21
acenaphthylene (ng/g)	0.52	naphtho[2,3-a]pyrene (mMol/g)	< 0.00000000123 U
anthanthrene (mMol/g)	< 0.00000000026 U	naphtho[2,3-a]pyrene (ng/g)	0.37
anthanthrene (ng/g)	0.07	naphtho[2,3-e]pyrene (mMol/g)	< 0.00000000123 U
anthracene (mMol/g)	< 0.00000000131 U	naphtho[2,3-e]pyrene (ng/g)	0.37
anthracene (ng/g)	0.23	naphtho[2,3-j]fluoranthene (mMol/g)	< 0.00000000123 U
benz[a]anthracene (mMol/g)	< 0.00000000073 U	naphtho[2,3-j]fluoranthene (ng/g)	0.37
benz[a]anthracene (ng/g)	0.17	naphtho[2,3-k]fluoranthene (mMol/g)	< 0.00000000123 U
benz[j] and [e]aceanthrylene (mMol/g)	N/A	naphtho[2,3-k]fluoranthene (ng/g)	0.37
benz[j] and [e]aceanthrylene (ng/g)	N/A	perylene (mMol/g)	< 0.00000000088 U
benzo[a]chrysene (mMol/g)	0.00000002509	perylene (ng/g)	0.22
benzo[a]chrysene (ng/g)	6.98	phenanthrene (mMol/g)	0.00000035835
benzo[a]fluorene (mMol/g)	0.00000000986	phenanthrene (ng/g)	63.9
benzo[a]fluorene (ng/g)	2.13	Pyrene (mMol/g)	0.00000013704
benzo[a]pyrene (mMol/g)	0.00000002130	Pyrene (ng/g)	27.7
benzo[a]pyrene (ng/g)	5.37	retene (mMol/g)	0.00000004734 B
benzo[b]fluoranthene (mMol/g)	0.00000006206	retene (ng/g)	11.1
benzo[b]fluoranthene (ng/g)	15.6	triphenylene (mMol/g)	0.00000002795
benzo[b]fluorene (mMol/g)	< 0.00000000172 U	triphenylene (ng/g)	6.38
benzo[b]fluorene (ng/g)	0.37		

Client Sample Name: JPA_0813		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191134		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	< 0.404 U	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	135 J	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: DSC_0305		Test Method: Determination of Pesticides by GC/ECD	
FSES Sample ID: A191135		Date Received: 08/09/19	
		Matrix: Passive Sampling Device - Personal	
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	2.76	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	< 0.404 U	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	63.6	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: BWI_0530		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191136		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	< 0.404 U	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	8.18	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	12.5 J	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	9.31 J	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	89.3 J
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		



Client Sample Name: ABR_0920		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191137		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	2.89	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	43.8	Malathion	< 14.4 U
Chlorpyrifos	26.4	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	< 1.13 U	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: SRT_0517		Test Method: Determination of Pesticides by GC/ECD	
FSES Sample ID: A191138		Date Received: 08/09/19	
		Matrix: Passive Sampling Device - Personal	
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	40.9 J	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	< 0.404 U	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	96.7 J
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	< 1.13 U	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	195 J	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: SSM_1117		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191139		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	5.8	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	302	Mirex	< 0.329 U
Cyfluthrin	1190	o,p'-Dicofol	< 2.33 U
Cypermethrin	771	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	482
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: BWI_1127		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191140		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	8.49	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	107 J	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: SSM_0411		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191142		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	6.89
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	2.20	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	4.24	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	60.4	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	69.3	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	111
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: ABR_0315		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191143		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	11.6	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	< 1.13 U	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: DRO_1212		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191144		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	3.42	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	< 1.13 U	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		



Client Sample Name: IMO_1105		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191145		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	3.53	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	304	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	8.58	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	52.4	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	< 1.13 U	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	69.1
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: TST_0815		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191146		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	14.2	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	322	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	1110	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	2.73 J	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: RGD_1001		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191147		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	5.91	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	22.2	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	27.6	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	26.2
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: BHA_0419		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191148		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	5.02	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	< 1.13 U	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: DSC_0912		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191149		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	10.7
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	9.29	Malathion	< 14.4 U
Chlorpyrifos	6.89	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	138	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: RBA_0915		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191150		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	< 0.404 U	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	511	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name:		KTL_0925	Test Method:		Determination of Pesticides by GC/ECD	
FSES Sample ID:		A191151	Date Received:		08/09/19	
			Matrix:		Passive Sampling Device - Personal	
Chemical Name		Concentration (ng/g)	Chemical Name		Concentration (ng/g)	
1,2-Dibromo-3-chloropropane		< 3.76 U	Ethion		< 1.16 U	
4,4'-DDD		< 0.791 U	Ethoprophos		< 4.93 U	
4,4'-DDE		< 0.324 U	Etridiazole		< 0.656 U	
4,4'-DDT		< 0.224 U	Fenitrothion		< 0.527 U	
Alachlor		< 1.10 U	Fipronil		< 0.969 U	
Aldrin		< 2.20 U	Fipronil-sulfide		< 0.687 U	
alpha-BHC		< 0.0822 U	Fipronil-sulfone		< 0.651 U	
alpha-Chlordane		< 0.227 U	gamma-Chlordane		< 0.22 U	
Atrazine		< 2.93 U	Heptachlor		< 0.558 U	
beta-BHC		< 0.178 U	Heptachlor epoxide		< 0.116 U	
Bifenthrin		< 0.736 U	Hexachlorobenzene		< 0.144 U	
Captafol		< 2.69 U	Imidan		< 0.344 U	
Captan		< 9.13 U	Iprodione		< 2.67 U	
Chlorobenzilate		< 2.33 U	Isodrin		< 0.0667 U	
Chloroneb		< 2.19 U	L-Cyhalothrin		< 2.38 U	
Chloropropylate		< 1.24 U	Lindane		< 0.0333 U	
Chlorothalonil		< 0.769 U	Malathion		< 14.4 U	
Chlorpyrifos		< 0.404 U	Methoxychlor		< 0.607 U	
Chlorpyrifos Methyl		< 0.311 U	Metolachlor		< 8.67 U	
cis-Permethrin		78.4	Mirex		< 0.329 U	
Cyfluthrin		< 0.564 U	o,p'-Dicofol		< 2.33 U	
Cypermethrin		54.2 J	Oxadiazon		< 0.656 U	
Dacthal		< 0.298 U	p,p'-Dicofol		< 4.64 U	
delta-BHC		< 0.133 U	Parathion-ethyl		< 1.43 U	
deltamethrin and tralomethrin		< 1.22 U	Parathion-methyl		< 2.64 U	
Diallate I		< 4.64 U	Pendimethalin		< 1.47 U	
Diazinon		< 7.36 U	Pentachloronitrobenzene		< 0.409 U	
Dieldrin		< 0.122 U	Perthane		< 13.0 U	
Dimethoate		< 0.396 U	Phorate		< 1.84 U	
Endosulfan I		< 0.0844 U	Propachlor		< 1.27 U	
Endosulfan II		< 0.242 U	Propanil		< 2.4 U	
Endosulfan sulfate		< 0.324 U	trans-Nonachlor		< 0.24 U	
Endrin		< 0.473 U	trans-Permethrin		236	
Endrin aldehyde		< 0.0978 U	Trifluralin		< 0.673 U	
Endrin ketone		< 0.407 U	Vinclozolin		< 8.56 U	
Esfenvalerate		< 1.36 U				



Client Sample Name: IMO_0627		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191152		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	1.57 J	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	< 1.13 U	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: JRD_0318		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191153		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	< 0.404 U	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	136	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: TST_0523		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191154		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	19.4	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	< 0.162 U	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	118 J	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	< 0.122 U	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	< 0.282 U
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		

Client Sample Name: JWA_0827		Test Method:	Determination of Pesticides by GC/ECD
FSES Sample ID: A191155		Date Received:	08/09/19
		Matrix:	Passive Sampling Device - Personal
Chemical Name	Concentration (ng/g)	Chemical Name	Concentration (ng/g)
1,2-Dibromo-3-chloropropane	< 3.76 U	Ethion	< 1.16 U
4,4'-DDD	< 0.791 U	Ethoprophos	< 4.93 U
4,4'-DDE	< 0.324 U	Etridiazole	< 0.656 U
4,4'-DDT	< 0.224 U	Fenitrothion	< 0.527 U
Alachlor	< 1.10 U	Fipronil	< 0.969 U
Aldrin	< 2.20 U	Fipronil-sulfide	< 0.687 U
alpha-BHC	< 0.0822 U	Fipronil-sulfone	< 0.651 U
alpha-Chlordane	< 0.227 U	gamma-Chlordane	< 0.22 U
Atrazine	< 2.93 U	Heptachlor	< 0.558 U
beta-BHC	< 0.178 U	Heptachlor epoxide	< 0.116 U
Bifenthrin	< 0.736 U	Hexachlorobenzene	< 0.144 U
Captafol	< 2.69 U	Imidan	< 0.344 U
Captan	< 9.13 U	Iprodione	< 2.67 U
Chlorobenzilate	< 2.33 U	Isodrin	< 0.0667 U
Chloroneb	< 2.19 U	L-Cyhalothrin	< 2.38 U
Chloropropylate	< 1.24 U	Lindane	< 0.0333 U
Chlorothalonil	< 0.769 U	Malathion	< 14.4 U
Chlorpyrifos	29.3	Methoxychlor	< 0.607 U
Chlorpyrifos Methyl	< 0.311 U	Metolachlor	< 8.67 U
cis-Permethrin	400	Mirex	< 0.329 U
Cyfluthrin	< 0.564 U	o,p'-Dicofol	< 2.33 U
Cypermethrin	282 J	Oxadiazon	< 0.656 U
Dacthal	< 0.298 U	p,p'-Dicofol	< 4.64 U
delta-BHC	< 0.133 U	Parathion-ethyl	< 1.43 U
deltamethrin and tralomethrin	< 1.22 U	Parathion-methyl	< 2.64 U
Diallate I	< 4.64 U	Pendimethalin	< 1.47 U
Diazinon	< 7.36 U	Pentachloronitrobenzene	< 0.409 U
Dieldrin	20.3	Perthane	< 13.0 U
Dimethoate	< 0.396 U	Phorate	< 1.84 U
Endosulfan I	< 0.0844 U	Propachlor	< 1.27 U
Endosulfan II	< 0.242 U	Propanil	< 2.4 U
Endosulfan sulfate	< 0.324 U	trans-Nonachlor	< 0.24 U
Endrin	< 0.473 U	trans-Permethrin	2140
Endrin aldehyde	< 0.0978 U	Trifluralin	< 0.673 U
Endrin ketone	< 0.407 U	Vinclozolin	< 8.56 U
Esfenvalerate	< 1.36 U		