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# Certificate of Analysis

**Client Report For:** MyExposome
5060 SW Philomath Blvd. #501
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USA
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**Project Name:** MyExposome PO 221
**Project Number:** F19-34
**Report Date:** February 18 2020
**Analysis Approval Date:**
**Sample Received Date:** See each sample page for date sample received

Ricky Scott — 02/18/2020
**QC Review** **Date**

Kim A. Anderson — February 18, 2020
**FSES Director Approval:** Kim A. Anderson **Date**

**Methodology:**

*SOP 430.00 VOCs and SVOCs:*

**Unit Conversions:**

ppb = parts per billion
ppm = parts per million
ppt = parts per trillion
ng/g = ppb
ng/L = ppt
ng/mL = ppb
ng/µL = ppm
ng/g(Wristband) = ppb
pg/µL = ppb
µg/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:**

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 four CV s were analyzed as part of the complete project; all CVs met FSES data quality objectives (DQOs) with an average of 99% of the target analytes being within 30% of the known value.

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

Processing blanks (construction, field, process and reagent blanks) were run with this project. Laboratory background was assessed from these blanks and background subtracted values are reported. Twelve VOCs were detected, with alkanes having the highest background.

To demonstrate instrument precision a duplicate analysis was performed during the project. The average relative percent difference (RPD) was 9.2% across all detected analytes, with a range of 0.5% to 29%.

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|---|---|---|---|
| **Client Sample Name:** | JPA_0813 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191134 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 1.29 U | 0.16 U | n-Octadecane | 0.72 U | 0.18 U |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 0.86 U | 0.18 U |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 0.92 U | 0.18 U |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1.04 U | 0.16 U |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1.54 U | 0.17 U | o-Xylene | 1.70 U | 0.18 U |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 1.16 U | 0.16 U |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 1.03 U | 0.18 U | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 1.53 U | 0.16 U |

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|---|---|---|---|
| **Client Sample Name:** | DSC_0305 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191135 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 427.00 B | 51.3 B | n-Octadecane | 107000.00 B | 27300 B |
| 1,3,5-Trimethylbenzene | 127.00 B | 15.3 B | n-Pentadecane | 1740.00 B | 369 B |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 358.00 B | 71.1 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 370.00 B | 57.8 B |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1440.00 | 162 | o-Xylene | 551.00 | 58.4 |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 1.16 U | 0.16 U |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 300.00 B | 51.1 B | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 921.00 B | 97.8 B |

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|---|---|---|---|
| **Client Sample Name:** | BWI_0530 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191136 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 92.40 B | 11.1 B | n-Octadecane | 59000.00 B | 15000 B |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 0.86 U | 0.18 U |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 134.00 B | 26.7 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 867.00 B | 136 B |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1160.00 | 131 | o-Xylene | 532.00 | 56.4 |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 174.00 | 23.3 |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 91.30 B | 15.6 B | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 1140.00 B | 121 B |

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|---|---|---|---|
| **Client Sample Name:** | ABR_0920 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191137 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 338.00 B | 40.7 B | n-Octadecane | 0.72 U | 0.18 U |
| 1,3,5-Trimethylbenzene | 73.80 B | 8.87 B | n-Pentadecane | 0.86 U | 0.18 U |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 448.00 B | 88.9 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 3060.00 B | 478 B |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1660.00 | 187 | o-Xylene | 511.00 | 54.2 |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 1.16 U | 0.16 U |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 796.00 B | 136 B | tert-Butylbenzene | 296.00 | 39.8 |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 337.00 B | 35.8 B |

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| **Client Sample Name:** | SRT_0517 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191138 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 1.29 U | 0.16 U | n-Octadecane | 25500.00 B | 6500 B |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 1190.00 B | 254 B |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 67.20 B | 13.3 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 8160.00 B | 1280 B |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1380.00 | 155 | o-Xylene | 448.00 | 47.6 |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 389.00 | 52.2 |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 665.00 B | 113 B | tert-Butylbenzene | 566.00 | 76 |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 613.00 B | 65.1 B |

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| **Client Sample Name:** | SSM_1117 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191139 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 126.00 | 15.1 | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 246.00 B | 29.6 B | n-Octadecane | 232000.00 B | 59100 B |
| 1,3,5-Trimethylbenzene | 40.30 B | 4.84 B | n-Pentadecane | 4270.00 B | 907 B |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 414.00 B | 82.2 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1.04 U | 0.16 U |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1.54 U | 0.17 U | o-Xylene | 475.00 | 50.4 |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 884.00 | 119 |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 562.00 B | 80 B | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 509.00 B | 86.7 B | tert-Butylbenzene | 242.00 | 32.4 |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 626.00 B | 66.4 B |

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| **Client Sample Name:** | BWI_1127 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191140 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 166.00 B | 20 B | n-Octadecane | 251000.00 B | 63800 B |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 1700.00 B | 360 B |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 4920.00 B | 976 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1270.00 B | 198 B |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1.54 U | 0.17 U | o-Xylene | 504.00 | 53.6 |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 153.00 | 20.5 |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 535.00 B | 91.1 B | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 605.00 B | 64.2 B |

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| **Client Sample Name:** | SSM_0411 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191142 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 266.00 B | 32 B | n-Octadecane | 223000.00 B | 56900 B |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 1170.00 B | 249 B |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 1740.00 B | 344 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1.04 U | 0.16 U |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1.54 U | 0.17 U | o-Xylene | 1.70 U | 0.18 U |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 187.00 | 27.6 |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 1.16 U | 0.16 U |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1780.00 B | 253 B | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 535.00 B | 91.1 B | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 515.00 B | 54.7 B |

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|---|---|---|---|
| **Client Sample Name:** | ABR_0315 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191143 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 1.29 U | 0.16 U | n-Octadecane | 354000.00 B | 90200 B |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 0.86 U | 0.18 U |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 67.20 B | 13.3 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 5740.00 B | 898 B |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1.54 U | 0.17 U | o-Xylene | 504.00 | 53.6 |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 1.16 U | 0.16 U |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 1450.00 B | 247 B | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 492.00 B | 52.2 B |

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|---|---|---|---|
| **Client Sample Name:** | DRO_1212 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191144 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 309.00 B | 37.1 B | n-Octadecane | 46800.00 B | 11900 B |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 0.86 U | 0.18 U |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 336.00 B | 66.7 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1.04 U | 0.16 U |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1460.00 | 164 | o-Xylene | 368.00 | 39.1 |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 209.00 | 28 |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 900.00 B | 153 B | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 515.00 B | 54.7 B |

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|---|---|---|---|
| **Client Sample Name:** | IMO_1105 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191145 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 7.40 B | 0.89 B | n-Octadecane | 36800.00 B | 9360 B |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 0.86 U | 0.18 U |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 0.92 U | 0.18 U |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1.04 U | 0.16 U |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 928.00 | 104 | o-Xylene | 1.70 U | 0.18 U |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 1.16 U | 0.16 U |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 1.03 U | 0.18 U | tert-Butylbenzene | 199.00 | 26.7 |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 153.00 B | 16.2 B |

| | | | |
|---|---|---|---|
| **Client Sample Name:** | TST_0815 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191146 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 129.00 B | 15.6 B | n-Octadecane | 30000.00 B | 7630 B |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 2030.00 B | 432 B |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 2450.00 B | 487 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 313.00 B | 48.9 B |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1100.00 | 124 | o-Xylene | 1.70 U | 0.18 U |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 1.16 U | 0.16 U |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 1.03 U | 0.18 U | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 333.00 B | 35.3 B |

| | | | |
|---|---|---|---|
| **Client Sample Name:** | RGD_1001 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191147 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 96.10 B | 11.6 B | n-Octadecane | 0.72 U | 0.18 U |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 0.86 U | 0.18 U |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 0.92 U | 0.18 U |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1.04 U | 0.16 U |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 965.00 | 109 | o-Xylene | 425.00 | 45.1 |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 268.00 | 36 |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 1.03 U | 0.18 U | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 488.00 B | 51.8 B |

| | | | |
|---|---|---|---|
| **Client Sample Name:** | BHA_0419 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191148 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 88.70 B | 10.7 B | n-Octadecane | 0.72 U | 0.18 U |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 0.86 U | 0.18 U |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 851.00 B | 169 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1.04 U | 0.16 U |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1200.00 | 135 | o-Xylene | 1.70 U | 0.18 U |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 1.16 U | 0.16 U |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 1.03 U | 0.18 U | tert-Butylbenzene | 699.00 | 93.8 |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 107.00 B | 11.3 B |

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|---|---|---|---|
| **Client Sample Name:** | DSC_0912 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191149 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 141.00 | 17.0 | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 96.10 B | 11.6 B | n-Octadecane | 0.72 U | 0.18 U |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 1560.00 B | 332 B |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 1570.00 B | 311 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1.04 U | 0.16 U |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1140.00 | 128 | o-Xylene | 1.70 U | 0.18 U |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 225.00 | 30.2 |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 1.03 U | 0.18 U | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 130.00 B | 13.8 B |

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|---|---|---|---|
| **Client Sample Name:** | RBA_0915 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191150 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 4440.00 | 569 |
| 1,2,4-Trimethylbenzene | 1.29 U | 0.16 U | n-Octadecane | 0.72 U | 0.18 U |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 630.00 B | 134 B |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 0.92 U | 0.18 U |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1.04 U | 0.16 U |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1160.00 | 131 | o-Xylene | 1.70 U | 0.18 U |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 257.00 | 34.4 |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 91.30 B | 15.6 B | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 1.53 U | 0.16 U |

| | | | |
|---|---|---|---|
| **Client Sample Name:** | KTL_0925 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191151 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 181.00 | 32.9 | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 1.29 U | 0.16 U | n-Octadecane | 0.72 U | 0.18 U |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 933.00 B | 198 B |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 952.00 B | 189 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1.04 U | 0.16 U |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 879.00 | 98.9 | o-Xylene | 322.00 | 34.2 |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 1540.00 | 227 |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 1.16 U | 0.16 U |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 117.00 B | 20 B | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 1.53 U | 0.16 U |

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|---|---|---|---|
| **Client Sample Name:** | IMO_0627 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191152 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 4570.00 B | 1100 B |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 1.29 U | 0.16 U | n-Octadecane | 418000.00 B | 106000 B |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 3960.00 B | 840 B |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 2230.00 B | 442 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1.04 U | 0.16 U |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1470.00 | 166 | o-Xylene | 1.70 U | 0.18 U |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 1.16 U | 0.16 U |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 1.03 U | 0.18 U | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 247.00 B | 26.2 B |

| | | | |
|---|---|---|---|
| **Client Sample Name:** | JRD_0318 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191153 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 237.00 | 28.4 | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 131.00 B | 15.8 B | n-Octadecane | 0.72 U | 0.18 U |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 839.00 B | 178 B |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 0.92 U | 0.18 U |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1.04 U | 0.16 U |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1090.00 | 123 | o-Xylene | 1.70 U | 0.18 U |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 249.00 | 36.7 |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 399.00 | 53.6 |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 235.00 B | 40 B | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 1.53 U | 0.16 U |

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|---|---|---|---|
| **Client Sample Name:** | TST_0523 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191154 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 0.75 U | 0.18 U |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 0.80 U | 0.18 U |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 1.68 U | 0.22 U |
| 1,2,4-Trimethylbenzene | 1.29 U | 0.16 U | n-Octadecane | 809000.00 JB | 206000 JB |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 0.86 U | 0.18 U |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 0.92 U | 0.18 U |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 1.04 U | 0.16 U |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1310.00 | 147 | o-Xylene | 1.70 U | 0.18 U |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 1.16 U | 0.16 U |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 1.03 U | 0.18 U | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 1.53 U | 0.16 U |

| | | | |
|---|---|---|---|
| **Client Sample Name:** | JWA_0827 | **Test Method:** | VOC and SVOC |
| **FSES Sample ID:** | A191155 | **Date Received:** | 08/09/19 |
| | | **Matrix:** | Passive Sampling Device - Personal |

| Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) | Chemical Name | Molar Concentration (pMol/g) | Concentration (ng/g) |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 0.89 U | 0.16 U | n-Heptadecane | 26500.00 B | 6380 B |
| 1,2,3-Trimethylbenzene | 1.31 U | 0.16 U | n-Hexadecane | 9090.00 B | 2060 B |
| 1,2,4-Trichlorobenzene | 0.88 U | 0.16 U | n-Nonane | 44200.00 | 5670 |
| 1,2,4-Trimethylbenzene | 1.29 U | 0.16 U | n-Octadecane | 52200.00 B | 13300 B |
| 1,3,5-Trimethylbenzene | 1.28 U | 0.15 U | n-Pentadecane | 11600.00 B | 2470 B |
| 1,3-Dichlorobenzene | 1.03 U | 0.15 U | n-Propylbenzene | 1.28 U | 0.15 U |
| 2-Chlorotoluene | 1.23 U | 0.16 U | n-Tetradecane | 3370.00 B | 669 B |
| 4-Chlorotoluene | 1.19 U | 0.15 U | n-Undecane | 73700.00 B | 11500 B |
| Bromobenzene | 0.92 U | 0.14 U | o-Dichlorobenzene | 1.04 U | 0.15 U |
| Chlorobenzene | 1.54 U | 0.17 U | o-Xylene | 1.70 U | 0.18 U |
| Cumene | 1.29 U | 0.16 U | p-Dichlorobenzene | 5.12 U | 0.75 U |
| Ethylbenzene | 1.61 U | 0.17 U | p-Isopropyltoluene | 1.16 U | 0.16 U |
| n-Butylbenzene | 1.19 U | 0.16 U | sec-Butylbenzene | 1.16 U | 0.16 U |
| n-Decane | 1.12 U | 0.16 U | Styrene | 1.39 U | 0.14 U |
| n-Dodecane | 1000.00 B | 171 B | tert-Butylbenzene | 1.19 U | 0.16 U |
| n-Eicosane | 0.66 U | 0.19 U | Xylenes (m and p) | 1.53 U | 0.16 U |