

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\  
 Method File : PL012820.M  
 Title : GC Extractables  
 Last Update : Tue Jan 28 13:10:37 2020  
 Response Via : Initial Calibration

## Calibration Files

50 =PL056119.D 100 =PL056117.D 75 =PL056118.D  
 25 =PL056120.D 5 =PL056121.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 1.017 | 1.023 | 1.012 | 1.005 | 1.179 | 1.047 E7 | 7.07  |
| 2) A   | alpha-BHC            | 1.759 | 1.796 | 1.766 | 1.701 | 1.887 | 1.782 E7 | 3.83  |
| 3) MA  | gamma-BHC (Lindane)  | 1.631 | 1.668 | 1.642 | 1.574 | 1.672 | 1.637 E7 | 2.40  |
| 4) MA  | Heptachlor           | 1.581 | 1.605 | 1.575 | 1.547 | 1.720 | 1.605 E7 | 4.17  |
| 5) MB  | Aldrin               | 1.605 | 1.623 | 1.597 | 1.566 | 1.742 | 1.627 E7 | 4.15  |
| 6) B   | beta-BHC             | 6.440 | 6.545 | 6.399 | 6.351 | 7.199 | 6.587 E6 | 5.31  |
| 7) B   | delta-BHC            | 1.596 | 1.644 | 1.610 | 1.536 | 1.629 | 1.603 E7 | 2.62  |
| 8) B   | Heptachlor epoxide   | 1.499 | 1.494 | 1.477 | 1.488 | 1.732 | 1.538 E7 | 7.07  |
| 9) A   | Endosulfan I         | 1.415 | 1.417 | 1.399 | 1.403 | 1.623 | 1.451 E7 | 6.62  |
| 10) B  | gamma-Chlordane      | 1.537 | 1.550 | 1.524 | 1.513 | 1.718 | 1.568 E7 | 5.39  |
| 11) B  | alpha-Chlordane      | 1.501 | 1.507 | 1.482 | 1.478 | 1.723 | 1.538 E7 | 6.77  |
| 12) B  | 4,4'-DDE             | 1.419 | 1.433 | 1.402 | 1.392 | 1.600 | 1.449 E7 | 5.90  |
| 13) MA | Dieldrin             | 1.514 | 1.528 | 1.503 | 1.483 | 1.661 | 1.538 E7 | 4.59  |
| 14) MA | Endrin               | 1.377 | 1.376 | 1.363 | 1.357 | 1.553 | 1.405 E7 | 5.91  |
| 15) B  | Endosulfan II        | 1.284 | 1.270 | 1.268 | 1.272 | 1.444 | 1.308 E7 | 5.86  |
| 16) A  | 4,4'-DDD             | 1.056 | 1.074 | 1.050 | 1.019 | 1.175 | 1.075 E7 | 5.52  |
| 17) MA | 4,4'-DDT             | 1.103 | 1.139 | 1.107 | 1.040 | 1.075 | 1.093 E7 | 3.41  |
| 18) B  | Endrin aldehyde      | 1.067 | 1.057 | 1.049 | 1.059 | 1.238 | 1.094 E7 | 7.40  |
| 19) B  | Endosulfan Sulfate   | 1.189 | 1.185 | 1.172 | 1.176 | 1.357 | 1.216 E7 | 6.50  |
| 20) A  | Methoxychlor         | 5.331 | 5.368 | 5.263 | 5.099 | 5.500 | 5.312 E6 | 2.77  |
| 21) B  | Endrin ketone        | 1.272 | 1.295 | 1.274 | 1.258 | 1.443 | 1.309 E7 | 5.85  |
| 22)    | Mirex                | 0.888 | 0.877 | 0.868 | 0.907 | 1.080 | 0.924 E7 | 9.55  |
| 23)    | Chlordane-1          | 3.785 |       |       |       |       | 3.785 E5 | 0.00  |
| 24)    | Chlordane-2          | 4.381 |       |       |       |       | 4.381 E5 | 0.00  |
| 25)    | Chlordane-3          | 1.263 |       |       |       |       | 1.263 E6 | 0.00  |
| 26)    | Chlordane-4          | 1.082 |       |       |       |       | 1.082 E6 | 0.00  |
| 27)    | Chlordane-5          | 4.148 |       |       |       |       | 4.148 E5 | 0.00  |
| 28) SA | Decachlorobiphenyl   | 1.007 | 0.992 | 0.984 | 1.024 | 1.257 | 1.053 E7 | 10.92 |

## Signal #2 Calibration Files

50 =PL056119.D 100 =PL056117.D 75 =PL056118.D  
 25 =PL056120.D 5 =PL056121.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 2.803 | 2.814 | 2.767 | 2.807 | 3.430 | 2.924 E6 | 9.69  |
| 2) A   | alpha-BHC            | 4.286 | 4.437 | 4.309 | 4.133 | 4.722 | 4.377 E6 | 5.05  |
| 3) MA  | gamma-BHC (Lindane)  | 3.984 | 4.091 | 3.984 | 3.887 | 4.558 | 4.101 E6 | 6.47  |
| 4) MA  | Heptachlor           | 3.430 | 3.468 | 3.387 | 3.417 | 4.186 | 3.578 E6 | 9.54  |
| 5) MB  | Aldrin               | 3.378 | 3.426 | 3.341 | 3.351 | 4.077 | 3.515 E6 | 8.99  |
| 6) B   | beta-BHC             | 1.611 | 1.602 | 1.584 | 1.595 | 1.805 | 1.639 E6 | 5.68  |
| 7) B   | delta-BHC            | 3.269 | 3.347 | 3.252 | 3.085 | 3.082 | 3.207 E6 | 3.69  |
| 8) B   | Heptachlor epoxide   | 2.981 | 2.942 | 2.911 | 3.023 | 3.705 | 3.113 E6 | 10.73 |
| 9) A   | Endosulfan I         | 2.847 | 2.832 | 2.784 | 2.884 | 3.616 | 2.993 E6 | 11.71 |
| 10) B  | gamma-Chlordane      | 3.033 | 3.041 | 2.973 | 3.056 | 3.797 | 3.180 E6 | 10.89 |
| 11) B  | alpha-Chlordane      | 3.014 | 3.017 | 2.951 | 3.052 | 3.815 | 3.170 E6 | 11.44 |
| 12) B  | 4,4'-DDE             | 2.880 | 2.936 | 2.847 | 2.858 | 3.455 | 2.995 E6 | 8.66  |
| 13) MA | Dieldrin             | 2.973 | 3.013 | 2.933 | 2.970 | 3.632 | 3.104 E6 | 9.55  |
| 14) MA | Endrin               | 2.517 | 2.546 | 2.479 | 2.517 | 3.044 | 2.621 E6 | 9.08  |
| 15) B  | Endosulfan II        | 2.555 | 2.537 | 2.491 | 2.604 | 3.274 | 2.692 E6 | 12.17 |
| 16) A  | 4,4'-DDD             | 2.275 | 2.314 | 2.244 | 2.266 | 2.698 | 2.359 E6 | 8.10  |
| 17) MA | 4,4'-DDT             | 2.225 | 2.294 | 2.208 | 2.187 | 2.565 | 2.296 E6 | 6.78  |
| 18) B  | Endrin aldehyde      | 2.145 | 2.121 | 2.092 | 2.204 | 2.790 | 2.270 E6 | 12.92 |
| 19) B  | Endosulfan Sulfate   | 2.389 | 2.350 | 2.320 | 2.459 | 3.136 | 2.531 E6 | 13.52 |
| 20) A  | Methoxychlor         | 1.173 | 1.162 | 1.145 | 1.202 | 1.449 | 1.226 E6 | 10.32 |
| 21) B  | Endrin ketone        | 2.531 | 2.519 | 2.480 | 2.567 | 3.237 | 2.667 E6 | 12.01 |
| 22)    | Mirex                | 1.713 | 1.636 | 1.630 | 1.800 | 2.310 | 1.818 E6 | 15.62 |

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|        | Compound           | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD  |
|--------|--------------------|-------|-------|-------|-------|-------|----------|-------|
| 23)    | Chlordane-1        | 1.021 |       |       |       |       | 1.021 E5 | 0.00  |
| 24)    | Chlordane-2        | 9.877 |       |       |       |       | 9.877 E4 | 0.00  |
| 25)    | Chlordane-3        | 3.758 |       |       |       |       | 3.758 E5 | 0.00  |
| 26)    | Chlordane-4        | 4.394 |       |       |       |       | 4.394 E5 | 0.00  |
| 27)    | Chlordane-5        | 8.021 |       |       |       |       | 8.021 E4 | 0.00  |
| 28) SA | Decachlorobiphenyl | 2.141 | 2.086 | 2.066 | 2.215 | 2.801 | 2.262 E6 | 13.58 |

(#) = Out of Range