

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\  
 Method File : PL101320.M  
 Title : GC Extractables  
 Last Update : Tue Oct 13 05:04:40 2020  
 Response Via : Initial Calibration

## Calibration Files

50 =PL062234.D 100 =PL062232.D 75 =PL062233.D  
 25 =PL062235.D 5 =PL062236.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 1.735 | 1.686 | 1.748 | 1.719 | 1.816 | 1.741 E6 | 2.76  |
| 2) A   | alpha-BHC            | 2.571 | 2.608 | 2.651 | 2.429 | 2.556 | 2.563 E6 | 3.26  |
| 3) MA  | gamma-BHC (Lindane)  | 2.299 | 2.327 | 2.380 | 2.175 | 2.219 | 2.280 E6 | 3.63  |
| 4) MA  | Heptachlor           | 2.119 | 2.100 | 2.156 | 2.056 | 2.097 | 2.106 E6 | 1.72  |
| 5) MB  | Aldrin               | 1.911 | 1.919 | 1.962 | 1.832 | 1.855 | 1.896 E6 | 2.73  |
| 6) B   | beta-BHC             | 0.958 | 0.913 | 0.953 | 0.960 | 1.024 | 0.962 E6 | 4.15  |
| 7) B   | delta-BHC            | 2.181 | 2.190 | 2.248 | 2.029 | 2.020 | 2.134 E6 | 4.83  |
| 8) B   | Heptachlor epoxide   | 1.835 | 1.796 | 1.857 | 1.803 | 1.846 | 1.827 E6 | 1.46  |
| 9) A   | Endosulfan I         | 1.694 | 1.665 | 1.718 | 1.665 | 1.701 | 1.688 E6 | 1.40  |
| 10) B  | gamma-Chlordane      | 1.806 | 1.790 | 1.840 | 1.763 | 1.817 | 1.803 E6 | 1.60  |
| 11) B  | alpha-Chlordane      | 1.811 | 1.784 | 1.841 | 1.779 | 1.836 | 1.810 E6 | 1.58  |
| 12) B  | 4,4'-DDE             | 1.665 | 1.690 | 1.722 | 1.586 | 1.582 | 1.649 E6 | 3.80  |
| 13) MA | Dieldrin             | 1.774 | 1.778 | 1.820 | 1.707 | 1.710 | 1.758 E6 | 2.77  |
| 14) MA | Endrin               | 1.543 | 1.538 | 1.578 | 1.498 | 1.525 | 1.536 E6 | 1.88  |
| 15) B  | Endosulfan II        | 1.661 | 1.619 | 1.677 | 1.632 | 1.667 | 1.651 E6 | 1.50  |
| 16) A  | 4,4'-DDD             | 1.468 | 1.473 | 1.512 | 1.404 | 1.395 | 1.450 E6 | 3.44  |
| 17) MA | 4,4'-DDT             | 1.356 | 1.408 | 1.426 | 1.242 | 1.019 | 1.290 E6 | 13.00 |
| 18) B  | Endrin aldehyde      | 1.446 | 1.390 | 1.448 | 1.441 | 1.530 | 1.451 E6 | 3.46  |
| 19) B  | Endosulfan Sulfate   | 1.650 | 1.584 | 1.652 | 1.635 | 1.744 | 1.653 E6 | 3.50  |
| 20) A  | Methoxychlor         | 8.405 | 8.101 | 8.423 | 8.224 | 7.535 | 8.138 E5 | 4.45  |
| 21) B  | Endrin ketone        | 1.989 | 1.921 | 2.002 | 1.939 | 2.001 | 1.970 E6 | 1.91  |
| 22)    | Mirex                | 1.471 | 1.363 | 1.442 | 1.518 | 1.626 | 1.484 E6 | 6.54  |
| 23)    | Chlordane-1          | 5.259 | 5.101 | 5.198 | 5.247 | 5.217 | 5.204 E4 | 1.20  |
| 24)    | Chlordane-2          | 6.034 | 5.727 | 5.913 | 6.141 | 5.779 | 5.919 E4 | 2.92  |
| 25)    | Chlordane-3          | 1.629 | 1.620 | 1.619 | 1.567 | 1.532 | 1.593 E5 | 2.62  |
| 26)    | Chlordane-4          | 1.360 | 1.342 | 1.354 | 1.339 | 1.258 | 1.331 E5 | 3.12  |
| 27)    | Chlordane-5          | 5.456 | 5.480 | 5.562 | 5.171 | 4.517 | 5.237 E4 | 8.19  |
| 28) SA | Decachlorobiphenyl   | 1.808 | 1.676 | 1.776 | 1.858 | 2.029 | 1.829 E6 | 7.10  |

## Signal #2 Calibration Files

50 =PL062234.D 100 =PL062232.D 75 =PL062233.D  
 25 =PL062235.D 5 =PL062236.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD |
|--------|----------------------|-------|-------|-------|-------|-------|----------|------|
| 1) SA  | Tetrachloro-m-xylene | 2.861 | 2.779 | 2.895 | 2.773 | 2.783 | 2.818 E6 | 2.00 |
| 2) A   | alpha-BHC            | 4.354 | 4.404 | 4.525 | 4.020 | 3.665 | 4.193 E6 | 8.34 |
| 3) MA  | gamma-BHC (Lindane)  | 4.053 | 4.053 | 4.167 | 3.787 | 3.587 | 3.930 E6 | 6.03 |
| 4) MA  | Heptachlor           | 3.845 | 3.803 | 3.937 | 3.687 | 3.733 | 3.801 E6 | 2.56 |
| 5) MB  | Aldrin               | 3.612 | 3.634 | 3.738 | 3.395 | 3.248 | 3.525 E6 | 5.65 |
| 6) B   | beta-BHC             | 1.742 | 1.653 | 1.729 | 1.735 | 1.928 | 1.757 E6 | 5.79 |
| 7) B   | delta-BHC            | 3.596 | 3.610 | 3.692 | 3.339 | 3.104 | 3.468 E6 | 7.00 |
| 8) B   | Heptachlor epoxide   | 3.268 | 3.236 | 3.341 | 3.176 | 3.232 | 3.251 E6 | 1.86 |
| 9) A   | Endosulfan I         | 3.043 | 2.991 | 3.098 | 2.940 | 2.989 | 3.012 E6 | 2.01 |
| 10) B  | gamma-Chlordane      | 3.327 | 3.296 | 3.411 | 3.197 | 3.189 | 3.284 E6 | 2.83 |
| 11) B  | alpha-Chlordane      | 3.309 | 3.247 | 3.367 | 3.200 | 3.218 | 3.268 E6 | 2.12 |
| 12) B  | 4,4'-DDE             | 3.092 | 3.108 | 3.193 | 2.932 | 2.890 | 3.043 E6 | 4.18 |
| 13) MA | Dieldrin             | 3.138 | 3.140 | 3.236 | 2.984 | 2.942 | 3.088 E6 | 3.94 |
| 14) MA | Endrin               | 2.507 | 2.512 | 2.582 | 2.416 | 2.419 | 2.487 E6 | 2.82 |
| 15) B  | Endosulfan II        | 2.730 | 2.657 | 2.760 | 2.651 | 2.770 | 2.714 E6 | 2.07 |
| 16) A  | 4,4'-DDD             | 2.498 | 2.492 | 2.571 | 2.351 | 2.291 | 2.441 E6 | 4.74 |
| 17) MA | 4,4'-DDT             | 2.351 | 2.401 | 2.448 | 2.187 | 2.049 | 2.287 E6 | 7.24 |
| 18) B  | Endrin aldehyde      | 2.364 | 2.273 | 2.371 | 2.328 | 2.475 | 2.362 E6 | 3.14 |
| 19) B  | Endosulfan Sulfate   | 2.615 | 2.510 | 2.620 | 2.565 | 2.665 | 2.595 E6 | 2.28 |
| 20) A  | Methoxychlor         | 1.340 | 1.287 | 1.348 | 1.321 | 1.295 | 1.318 E6 | 2.04 |
| 21) B  | Endrin ketone        | 2.834 | 2.744 | 2.860 | 2.747 | 2.760 | 2.789 E6 | 1.95 |
| 22)    | Mirex                | 2.086 | 1.925 | 2.044 | 2.126 | 2.340 | 2.104 E6 | 7.21 |

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|        | Compound           | 50    | 100   | 75    | 25    | 5     | Avg   |    | %RSD |
|--------|--------------------|-------|-------|-------|-------|-------|-------|----|------|
| 23)    | Chlordane-1        | 1.022 | 1.025 | 1.019 | 1.000 | 0.886 | 0.990 | E5 | 5.99 |
| 24)    | Chlordane-2        | 1.062 | 1.037 | 1.039 | 1.063 | 1.067 | 1.054 | E5 | 1.36 |
| 25)    | Chlordane-3        | 4.202 | 4.237 | 4.212 | 4.018 | 3.806 | 4.095 | E5 | 4.49 |
| 26)    | Chlordane-4        | 5.064 | 5.034 | 5.078 | 4.897 | 4.634 | 4.941 | E5 | 3.77 |
| 27)    | Chlordane-5        | 8.280 | 8.296 | 8.256 | 7.575 | 7.291 | 7.940 | E4 | 5.96 |
| 28) SA | Decachlorobiphenyl | 2.724 | 2.520 | 2.682 | 2.786 | 3.012 | 2.745 | E6 | 6.52 |

(#) = Out of Range