

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\  
 Method File : PL082021.M  
 Title : GC Extractables  
 Last Update : Fri Aug 20 05:56:26 2021  
 Response Via : Initial Calibration

## Calibration Files

50 =PL069244.D 100 =PL069242.D 75 =PL069243.D  
 25 =PL069245.D 5 =PL069246.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 4.555 | 4.446 | 4.504 | 4.414 | 5.150 | 4.614 E5 | 6.61  |
| 2) A   | alpha-BHC            | 6.387 | 6.679 | 6.670 | 5.896 | 6.374 | 6.401 E5 | 4.97  |
| 3) MA  | gamma-BHC (Lindane)  | 6.269 | 6.373 | 6.402 | 5.924 | 6.976 | 6.389 E5 | 5.94  |
| 4) MA  | Heptachlor           | 6.847 | 6.851 | 6.896 | 6.511 | 7.524 | 6.926 E5 | 5.32  |
| 5) MB  | Aldrin               | 6.207 | 6.310 | 6.289 | 5.747 | 6.297 | 6.170 E5 | 3.89  |
| 6) B   | beta-BHC             | 3.230 | 2.996 | 3.126 | 3.363 | 5.374 | 3.618 E5 | 27.39 |
| 7) B   | delta-BHC            | 6.275 | 6.479 | 6.429 | 5.718 | 6.184 | 6.217 E5 | 4.87  |
| 8) B   | Heptachlor epoxide   | 6.124 | 6.076 | 6.112 | 5.887 | 6.839 | 6.207 E5 | 5.89  |
| 9) A   | Endosulfan I         | 5.849 | 5.772 | 5.824 | 5.603 | 6.554 | 5.920 E5 | 6.20  |
| 10) B  | gamma-Chlordane      | 6.313 | 6.266 | 6.301 | 6.051 | 7.072 | 6.401 E5 | 6.09  |
| 11) B  | alpha-Chlordane      | 6.339 | 6.245 | 6.309 | 6.168 | 7.519 | 6.516 E5 | 8.67  |
| 12) B  | 4,4'-DDE             | 5.708 | 5.898 | 5.841 | 5.239 | 5.593 | 5.656 E5 | 4.63  |
| 13) MA | Dieldrin             | 6.072 | 6.147 | 6.124 | 5.674 | 6.345 | 6.072 E5 | 4.04  |
| 14) MA | Endrin               | 5.630 | 5.556 | 5.591 | 5.446 | 6.654 | 5.775 E5 | 8.59  |
| 15) B  | Endosulfan II        | 5.436 | 5.300 | 5.372 | 5.282 | 6.390 | 5.556 E5 | 8.46  |
| 16) A  | 4,4'-DDD             | 5.106 | 5.186 | 5.183 | 4.724 | 5.230 | 5.086 E5 | 4.07  |
| 17) MA | 4,4'-DDT             | 5.765 | 5.783 | 5.791 | 5.417 | 6.024 | 5.756 E5 | 3.78  |
| 18) B  | Endrin aldehyde      | 4.458 | 4.255 | 4.346 | 4.369 | 5.250 | 4.536 E5 | 8.95  |
| 19) B  | Endosulfan Sulfate   | 5.770 | 5.547 | 5.636 | 5.704 | 7.028 | 5.937 E5 | 10.37 |
| 20) A  | Methoxychlor         | 3.643 | 3.422 | 3.515 | 3.643 | 4.505 | 3.745 E5 | 11.61 |
| 21) B  | Endrin ketone        | 6.840 | 6.640 | 6.747 | 6.680 | 7.787 | 6.939 E5 | 6.92  |
| 22)    | Mirex                | 5.708 | 5.214 | 5.430 | 5.911 | 7.475 | 5.948 E5 | 15.03 |
| 23)    | Chlordane-1          | 1.731 |       |       |       |       | 1.731 E4 | 0.00  |
| 24)    | Chlordane-2          | 2.410 |       |       |       |       | 2.410 E4 | 0.00  |
| 25)    | Chlordane-3          | 6.322 |       |       |       |       | 6.322 E4 | 0.00  |
| 26)    | Chlordane-4          | 6.728 |       |       |       |       | 6.728 E4 | 0.00  |
| 27)    | Chlordane-5          | 2.416 |       |       |       |       | 2.416 E4 | 0.00  |
| 28) SA | Decachlorobiphenyl   | 6.452 | 5.863 | 6.139 | 6.707 | 8.586 | 6.749 E5 | 15.93 |

## Signal #2 Calibration Files

50 =PL069244.D 100 =PL069242.D 75 =PL069243.D  
 25 =PL069245.D 5 =PL069246.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 1.424 | 1.401 | 1.417 | 1.382 | 1.539 | 1.432 E6 | 4.29  |
| 2) A   | alpha-BHC            | 2.006 | 2.063 | 2.043 | 1.829 | 1.838 | 1.956 E6 | 5.80  |
| 3) MA  | gamma-BHC (Lindane)  | 1.868 | 1.900 | 1.878 | 1.733 | 1.795 | 1.835 E6 | 3.78  |
| 4) MA  | Heptachlor           | 1.845 | 1.872 | 1.851 | 1.738 | 1.807 | 1.822 E6 | 2.89  |
| 5) MB  | Aldrin               | 1.688 | 1.717 | 1.703 | 1.558 | 1.645 | 1.662 E6 | 3.85  |
| 6) B   | beta-BHC             | 0.874 | 0.833 | 0.846 | 0.900 | 1.245 | 0.940 E6 | 18.39 |
| 7) B   | delta-BHC            | 1.841 | 1.923 | 1.911 | 1.713 | 1.846 | 1.847 E6 | 4.53  |
| 8) B   | Heptachlor epoxide   | 1.523 | 1.519 | 1.517 | 1.430 | 1.532 | 1.504 E6 | 2.78  |
| 9) A   | Endosulfan I         | 1.374 | 1.384 | 1.379 | 1.311 | 1.467 | 1.383 E6 | 4.03  |
| 10) B  | gamma-Chlordane      | 1.513 | 1.510 | 1.512 | 1.453 | 1.705 | 1.538 E6 | 6.27  |
| 11) B  | alpha-Chlordane      | 1.484 | 1.482 | 1.483 | 1.426 | 1.596 | 1.494 E6 | 4.14  |
| 12) B  | 4,4'-DDE             | 1.410 | 1.445 | 1.430 | 1.311 | 1.399 | 1.399 E6 | 3.73  |
| 13) MA | Dieldrin             | 1.409 | 1.434 | 1.422 | 1.315 | 1.440 | 1.404 E6 | 3.63  |
| 14) MA | Endrin               | 1.176 | 1.189 | 1.180 | 1.102 | 1.222 | 1.174 E6 | 3.76  |
| 15) B  | Endosulfan II        | 1.153 | 1.134 | 1.140 | 1.123 | 1.367 | 1.183 E6 | 8.71  |
| 16) A  | 4,4'-DDD             | 1.175 | 1.165 | 1.168 | 1.144 | 1.481 | 1.227 E6 | 11.62 |
| 17) MA | 4,4'-DDT             | 1.225 | 1.235 | 1.225 | 1.163 | 1.277 | 1.225 E6 | 3.32  |
| 18) B  | Endrin aldehyde      | 0.930 | 0.906 | 0.913 | 0.920 | 1.087 | 0.951 E6 | 8.05  |
| 19) B  | Endosulfan Sulfate   | 1.124 | 1.101 | 1.107 | 1.093 | 1.256 | 1.136 E6 | 5.96  |
| 20) A  | Methoxychlor         | 6.331 | 6.026 | 6.143 | 6.311 | 7.290 | 6.420 E5 | 7.82  |
| 21) B  | Endrin ketone        | 1.245 | 1.211 | 1.224 | 1.248 | 1.541 | 1.294 E6 | 10.76 |
| 22)    | Mirex                | 0.915 | 0.856 | 0.885 | 0.923 | 1.107 | 0.937 E6 | 10.52 |

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|        | Compound           | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD |
|--------|--------------------|-------|-------|-------|-------|-------|----------|------|
| 23)    | Chlordane-1        | 5.553 |       |       |       |       | 5.553 E4 | 0.00 |
| 24)    | Chlordane-2        | 5.827 |       |       |       |       | 5.827 E4 | 0.00 |
| 25)    | Chlordane-3        | 2.207 |       |       |       |       | 2.207 E5 | 0.00 |
| 26)    | Chlordane-4        | 2.642 |       |       |       |       | 2.642 E5 | 0.00 |
| 27)    | Chlordane-5        | 4.395 |       |       |       |       | 4.395 E4 | 0.00 |
| 28) SA | Decachlorobiphenyl | 1.191 | 1.130 | 1.157 | 1.214 | 1.436 | 1.226 E6 | 9.93 |

(#) = Out of Range