

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\  
 Method File : PL011719.M  
 Title : GC Extractables  
 Last Update : Fri Jan 18 06:10:39 2019  
 Response Via : Initial Calibration

## Calibration Files

50 =PL043999.D 100 =PL043997.D 75 =PL043998.D  
 25 =PL044000.D 5 =PL044001.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 5.868 | 5.859 | 5.914 | 5.707 | 5.460 | 5.762 E6 | 3.23  |
| 2) A   | alpha-BHC            | 9.406 | 9.705 | 9.702 | 8.753 | 7.306 | 8.974 E6 | 11.26 |
| 3) MA  | gamma-BHC (Lindane)  | 8.597 | 8.809 | 8.818 | 8.028 | 6.772 | 8.205 E6 | 10.52 |
| 4) MA  | Heptachlor           | 8.707 | 8.791 | 8.847 | 8.284 | 7.612 | 8.448 E6 | 6.12  |
| 5) MB  | Aldrin               | 8.498 | 8.729 | 8.735 | 7.932 | 6.776 | 8.134 E6 | 10.16 |
| 6) B   | beta-BHC             | 3.507 | 3.480 | 3.524 | 3.475 | 3.514 | 3.500 E6 | 0.61  |
| 7) B   | delta-BHC            | 8.116 | 8.400 | 8.387 | 7.427 | 5.937 | 7.654 E6 | 13.56 |
| 8) B   | Heptachlor epoxide   | 7.796 | 7.863 | 7.933 | 7.523 | 7.051 | 7.633 E6 | 4.73  |
| 9) A   | Endosulfan I         | 7.213 | 7.296 | 7.365 | 6.990 | 6.524 | 7.078 E6 | 4.81  |
| 10) B  | gamma-Chlordane      | 8.016 | 8.125 | 8.173 | 7.666 | 7.181 | 7.832 E6 | 5.29  |
| 11) B  | alpha-Chlordane      | 7.871 | 7.907 | 7.979 | 7.599 | 7.196 | 7.711 E6 | 4.17  |
| 12) B  | 4,4'-DDE             | 7.130 | 7.391 | 7.376 | 6.595 | 5.506 | 6.800 E6 | 11.64 |
| 13) MA | Dieldrin             | 7.870 | 8.051 | 8.079 | 7.347 | 6.532 | 7.576 E6 | 8.62  |
| 14) MA | Endrin               | 7.048 | 7.184 | 7.217 | 6.555 | 5.857 | 6.772 E6 | 8.51  |
| 15) B  | Endosulfan II        | 6.685 | 6.648 | 6.820 | 6.623 | 7.056 | 6.766 E6 | 2.64  |
| 16) A  | 4,4'-DDD             | 5.785 | 5.902 | 5.942 | 5.419 | 5.033 | 5.616 E6 | 6.87  |
| 17) MA | 4,4'-DDT             | 6.188 | 6.307 | 6.432 | 5.684 | 5.020 | 5.926 E6 | 9.80  |
| 18) B  | Endrin aldehyde      | 5.613 | 5.503 | 5.643 | 5.456 | 5.509 | 5.545 E6 | 1.43  |
| 19) B  | Endosulfan Sulfate   | 6.740 | 6.754 | 6.879 | 6.591 | 6.579 | 6.708 E6 | 1.87  |
| 20) A  | Methoxychlor         | 3.363 | 3.291 | 3.363 | 3.292 | 3.385 | 3.339 E6 | 1.32  |
| 21) B  | Endrin ketone        | 7.469 | 7.476 | 7.575 | 7.154 | 6.698 | 7.274 E6 | 4.94  |
| 22)    | Mirex                |       |       |       |       |       | 0.000    | -1.00 |
| 23)    | Chlordane-1          | 2.635 |       |       |       |       | 2.635 E5 | 0.00  |
| 24)    | Chlordane-2          | 2.982 |       |       |       |       | 2.982 E5 | 0.00  |
| 25)    | Chlordane-3          | 9.313 |       |       |       |       | 9.313 E5 | 0.00  |
| 26)    | Chlordane-4          | 7.899 |       |       |       |       | 7.899 E5 | 0.00  |
| 27)    | Chlordane-5          | 2.637 |       |       |       |       | 2.637 E5 | 0.00  |
| 28) SA | Decachlorobiphenyl   | 6.667 | 6.331 | 6.543 | 6.786 | 7.452 | 6.756 E6 | 6.28  |

## Signal #2 Calibration Files

50 =PL043999.D 100 =PL043997.D 75 =PL043998.D  
 25 =PL044000.D 5 =PL044001.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 2.221 | 2.185 | 2.216 | 2.230 | 2.211 | 2.212 E6 | 0.76  |
| 2) A   | alpha-BHC            | 3.127 | 3.244 | 3.227 | 2.934 | 2.633 | 3.033 E6 | 8.43  |
| 3) MA  | gamma-BHC (Lindane)  | 2.887 | 2.958 | 2.952 | 2.764 | 2.623 | 2.837 E6 | 5.03  |
| 4) MA  | Heptachlor           | 2.851 | 2.844 | 2.872 | 2.796 | 2.850 | 2.843 E6 | 0.98  |
| 5) MB  | Aldrin               | 2.736 | 2.789 | 2.796 | 2.648 | 2.557 | 2.705 E6 | 3.76  |
| 6) B   | beta-BHC             | 1.268 | 1.229 | 1.252 | 1.296 | 1.289 | 1.267 E6 | 2.17  |
| 7) B   | delta-BHC            | 2.186 | 2.304 | 2.293 | 2.029 | 1.488 | 2.060 E6 | 16.42 |
| 8) B   | Heptachlor epoxide   | 2.383 | 2.375 | 2.393 | 2.376 | 2.269 | 2.359 E6 | 2.16  |
| 9) A   | Endosulfan I         | 2.389 | 2.352 | 2.387 | 2.373 | 2.484 | 2.397 E6 | 2.11  |
| 10) B  | gamma-Chlordane      | 2.603 | 2.575 | 2.609 | 2.575 | 2.645 | 2.602 E6 | 1.11  |
| 11) B  | alpha-Chlordane      | 2.579 | 2.532 | 2.577 | 2.572 | 2.676 | 2.587 E6 | 2.05  |
| 12) B  | 4,4'-DDE             | 2.217 | 2.254 | 2.259 | 2.132 | 2.053 | 2.183 E6 | 4.06  |
| 13) MA | Dieldrin             | 2.483 | 2.494 | 2.511 | 2.414 | 2.407 | 2.462 E6 | 1.94  |
| 14) MA | Endrin               | 2.156 | 2.148 | 2.174 | 2.091 | 1.992 | 2.112 E6 | 3.50  |
| 15) B  | Endosulfan II        | 2.174 | 2.138 | 2.187 | 2.175 | 2.247 | 2.184 E6 | 1.82  |
| 16) A  | 4,4'-DDD             | 1.831 | 1.817 | 1.845 | 1.822 | 1.836 | 1.830 E6 | 0.62  |
| 17) MA | 4,4'-DDT             | 1.970 | 1.958 | 1.990 | 1.922 | 2.014 | 1.971 E6 | 1.75  |
| 18) B  | Endrin aldehyde      | 1.859 | 1.778 | 1.830 | 1.879 | 1.994 | 1.868 E6 | 4.28  |
| 19) B  | Endosulfan Sulfate   | 2.206 | 2.110 | 2.176 | 2.219 | 2.354 | 2.213 E6 | 4.04  |
| 20) A  | Methoxychlor         | 1.085 | 1.025 | 1.061 | 1.107 | 1.140 | 1.084 E6 | 4.04  |
| 21) B  | Endrin ketone        | 2.210 | 2.149 | 2.204 | 2.180 | 2.255 | 2.200 E6 | 1.79  |
| 22)    | Mirex                |       |       |       |       |       | 0.000    | -1.00 |

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|        | Compound           | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD |
|--------|--------------------|-------|-------|-------|-------|-------|----------|------|
| 23)    | Chlordane-1        | 1.052 |       |       |       |       | 1.052 E5 | 0.00 |
| 24)    | Chlordane-2        | 1.033 |       |       |       |       | 1.033 E5 | 0.00 |
| 25)    | Chlordane-3        | 3.567 |       |       |       |       | 3.567 E5 | 0.00 |
| 26)    | Chlordane-4        | 4.307 |       |       |       |       | 4.307 E5 | 0.00 |
| 27)    | Chlordane-5        | 8.263 |       |       |       |       | 8.263 E4 | 0.00 |
| 28) SA | Decachlorobiphenyl | 2.115 | 1.961 | 2.043 | 2.208 | 2.350 | 2.136 E6 | 7.06 |

(#) = Out of Range