

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\  
 Method File : PL120618.M  
 Title : GC Extractables  
 Last Update : Thu Dec 06 17:17:13 2018  
 Response Via : Initial Calibration

## Calibration Files

50 =PL042856.D 100 =PL042854.D 75 =PL042855.D  
 25 =PL042857.D 5 =PL042858.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 6.062 | 6.311 | 6.061 | 5.956 | 6.275 | 6.133 E6 | 2.50  |
| 2) A   | alpha-BHC            | 0.955 | 1.027 | 0.972 | 0.900 | 0.873 | 0.945 E7 | 6.44  |
| 3) MA  | gamma-BHC (Lindane)  | 8.762 | 9.404 | 8.881 | 8.249 | 7.877 | 8.635 E6 | 6.83  |
| 4) MA  | Heptachlor           | 8.876 | 9.311 | 8.832 | 8.547 | 8.797 | 8.873 E6 | 3.12  |
| 5) MB  | Aldrin               | 8.615 | 9.214 | 8.673 | 8.072 | 7.819 | 8.479 E6 | 6.45  |
| 6) B   | beta-BHC             | 3.595 | 3.754 | 3.559 | 3.578 | 3.956 | 3.689 E6 | 4.57  |
| 7) B   | delta-BHC            | 8.271 | 9.036 | 8.409 | 7.685 | 7.090 | 8.098 E6 | 9.15  |
| 8) B   | Heptachlor epoxide   | 7.880 | 8.245 | 7.786 | 7.621 | 8.102 | 7.927 E6 | 3.14  |
| 9) A   | Endosulfan I         | 7.279 | 7.676 | 7.217 | 7.004 | 7.453 | 7.326 E6 | 3.45  |
| 10) B  | gamma-Chlordane      | 8.006 | 8.555 | 7.998 | 7.687 | 8.063 | 8.062 E6 | 3.88  |
| 11) B  | alpha-Chlordane      | 7.846 | 8.326 | 7.804 | 7.606 | 8.115 | 7.939 E6 | 3.56  |
| 12) B  | 4,4'-DDE             | 7.016 | 7.715 | 7.089 | 6.478 | 6.318 | 6.923 E6 | 8.00  |
| 13) MA | Dieldrin             | 7.835 | 8.425 | 7.867 | 7.362 | 7.385 | 7.775 E6 | 5.60  |
| 14) MA | Endrin               | 7.246 | 7.766 | 7.242 | 6.807 | 6.942 | 7.200 E6 | 5.13  |
| 15) B  | Endosulfan II        | 6.607 | 6.925 | 6.337 | 6.423 | 6.968 | 6.652 E6 | 4.30  |
| 16) A  | 4,4'-DDD             | 5.736 | 6.216 | 5.747 | 5.335 | 5.320 | 5.671 E6 | 6.50  |
| 17) MA | 4,4'-DDT             | 6.057 | 6.658 | 6.124 | 5.582 | 5.323 | 5.949 E6 | 8.70  |
| 18) B  | Endrin aldehyde      | 5.417 | 5.592 | 5.333 | 5.317 | 5.894 | 5.511 E6 | 4.37  |
| 19) B  | Endosulfan Sulfate   | 6.628 | 6.900 | 6.133 | 6.546 | 7.288 | 6.699 E6 | 6.40  |
| 20) A  | Methoxychlor         | 3.301 | 3.340 | 3.195 | 3.279 | 3.661 | 3.355 E6 | 5.34  |
| 21) B  | Endrin ketone        | 7.237 | 7.457 | 7.103 | 6.997 | 7.360 | 7.231 E6 | 2.58  |
| 22)    | Mirex                |       |       |       |       |       | 0.000    | -1.00 |
| 23)    | Chlordane-1          | 2.687 |       |       |       |       | 2.687 E5 | 0.00  |
| 24)    | Chlordane-2          | 2.870 |       |       |       |       | 2.870 E5 | 0.00  |
| 25)    | Chlordane-3          | 8.310 |       |       |       |       | 8.310 E5 | 0.00  |
| 26)    | Chlordane-4          | 7.561 |       |       |       |       | 7.561 E5 | 0.00  |
| 27)    | Chlordane-5          | 2.399 |       |       |       |       | 2.399 E5 | 0.00  |
| 28) SA | Decachlorobiphenyl   | 6.262 | 6.115 | 5.930 | 6.430 | 7.914 | 6.530 E6 | 12.18 |

## Signal #2 Calibration Files

50 =PL042856.D 100 =PL042854.D 75 =PL042855.D  
 25 =PL042857.D 5 =PL042858.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 2.914 | 2.916 | 2.852 | 2.917 | 3.220 | 2.964 E6 | 4.92  |
| 2) A   | alpha-BHC            | 4.488 | 4.584 | 4.433 | 4.399 | 4.713 | 4.523 E6 | 2.81  |
| 3) MA  | gamma-BHC (Lindane)  | 4.141 | 4.225 | 4.086 | 4.093 | 4.426 | 4.194 E6 | 3.37  |
| 4) MA  | Heptachlor           | 4.019 | 4.062 | 3.929 | 4.019 | 4.452 | 4.096 E6 | 5.00  |
| 5) MB  | Aldrin               | 4.017 | 4.061 | 3.935 | 3.981 | 4.417 | 4.082 E6 | 4.73  |
| 6) B   | beta-BHC             | 1.692 | 1.712 | 1.652 | 1.688 | 1.721 | 1.693 E6 | 1.57  |
| 7) B   | delta-BHC            | 4.044 | 4.041 | 3.915 | 4.144 | 5.344 | 4.298 E6 | 13.75 |
| 8) B   | Heptachlor epoxide   | 3.622 | 3.555 | 3.493 | 3.726 | 4.563 | 3.792 E6 | 11.59 |
| 9) A   | Endosulfan I         | 3.341 | 3.334 | 3.254 | 3.336 | 3.712 | 3.395 E6 | 5.32  |
| 10) B  | gamma-Chlordane      | 3.627 | 3.648 | 3.546 | 3.589 | 3.957 | 3.674 E6 | 4.43  |
| 11) B  | alpha-Chlordane      | 3.532 | 3.551 | 3.446 | 3.520 | 3.933 | 3.596 E6 | 5.35  |
| 12) B  | 4,4'-DDE             | 3.558 | 3.590 | 3.482 | 3.532 | 3.957 | 3.624 E6 | 5.26  |
| 13) MA | Dieldrin             | 3.498 | 3.665 | 3.517 | 3.499 | 3.949 | 3.626 E6 | 5.35  |
| 14) MA | Endrin               | 3.054 | 3.126 | 3.025 | 3.054 | 3.352 | 3.122 E6 | 4.28  |
| 15) B  | Endosulfan II        | 2.989 | 2.978 | 2.905 | 3.010 | 3.258 | 3.028 E6 | 4.44  |
| 16) A  | 4,4'-DDD             | 2.879 | 2.895 | 2.807 | 2.867 | 3.215 | 2.933 E6 | 5.50  |
| 17) MA | 4,4'-DDT             | 2.935 | 2.966 | 2.867 | 2.863 | 3.054 | 2.937 E6 | 2.69  |
| 18) B  | Endrin aldehyde      | 2.467 | 2.455 | 2.386 | 2.478 | 2.755 | 2.508 E6 | 5.69  |
| 19) B  | Endosulfan Sulfate   | 2.970 | 2.925 | 2.853 | 2.978 | 3.308 | 3.007 E6 | 5.83  |
| 20) A  | Methoxychlor         | 1.482 | 1.464 | 1.430 | 1.490 | 1.676 | 1.508 E6 | 6.38  |
| 21) B  | Endrin ketone        | 3.045 | 2.945 | 2.939 | 3.014 | 3.341 | 3.057 E6 | 5.40  |
| 22)    | Mirex                |       |       |       |       |       | 0.000    | -1.00 |

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|        | Compound           | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD |
|--------|--------------------|-------|-------|-------|-------|-------|----------|------|
| 23)    | Chlordane-1        | 1.413 |       |       |       |       | 1.413 E5 | 0.00 |
| 24)    | Chlordane-2        | 1.434 |       |       |       |       | 1.434 E5 | 0.00 |
| 25)    | Chlordane-3        | 4.911 |       |       |       |       | 4.911 E5 | 0.00 |
| 26)    | Chlordane-4        | 5.707 |       |       |       |       | 5.707 E5 | 0.00 |
| 27)    | Chlordane-5        | 1.172 |       |       |       |       | 1.172 E5 | 0.00 |
| 28) SA | Decachlorobiphenyl | 2.557 | 2.489 | 2.468 | 2.612 | 2.916 | 2.609 E6 | 6.94 |

(#) = Out of Range