

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\  
 Method File : PL102122.M  
 Title : GC Extractables  
 Last Update : Fri Oct 21 07:08:41 2022  
 Response Via : Initial Calibration

## Calibration Files

50 =PL078436.D 100 =PL078434.D 75 =PL078435.D  
 25 =PL078437.D 5 =PL078438.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD |
|--------|----------------------|-------|-------|-------|-------|-------|----------|------|
| 1) SA  | Tetrachloro-m-xylene | 1.921 | 1.894 | 1.853 | 1.844 | 2.024 | 1.907 E6 | 3.79 |
| 2) A   | alpha-BHC            | 2.995 | 3.064 | 2.932 | 2.685 | 2.681 | 2.871 E6 | 6.20 |
| 3) MA  | gamma-BHC (Lindane)  | 2.759 | 2.804 | 2.696 | 2.525 | 2.575 | 2.672 E6 | 4.45 |
| 4) MA  | Heptachlor           | 2.655 | 2.648 | 2.570 | 2.473 | 2.634 | 2.596 E6 | 2.95 |
| 5) MB  | Aldrin               | 2.547 | 2.569 | 2.474 | 2.340 | 2.454 | 2.477 E6 | 3.65 |
| 6) B   | beta-BHC             | 1.165 | 1.127 | 1.097 | 1.126 | 1.245 | 1.152 E6 | 4.99 |
| 7) B   | delta-BHC            | 2.377 | 2.452 | 2.360 | 2.135 | 2.060 | 2.277 E6 | 7.44 |
| 8) B   | Heptachlor epoxide   | 2.151 | 2.116 | 2.052 | 2.028 | 2.267 | 2.123 E6 | 4.45 |
| 9) A   | Endosulfan I         | 2.151 | 2.119 | 2.049 | 2.038 | 2.312 | 2.134 E6 | 5.16 |
| 10) B  | gamma-Chlordane      | 2.306 | 2.293 | 2.206 | 2.160 | 2.320 | 2.257 E6 | 3.10 |
| 11) B  | alpha-Chlordane      | 2.318 | 2.265 | 2.198 | 2.191 | 2.597 | 2.314 E6 | 7.21 |
| 12) B  | 4,4'-DDE             | 2.049 | 2.067 | 1.971 | 1.869 | 2.050 | 2.001 E6 | 4.14 |
| 13) MA | Dieldrin             | 2.217 | 2.215 | 2.131 | 2.047 | 2.172 | 2.157 E6 | 3.27 |
| 14) MA | Endrin               | 1.920 | 1.901 | 1.820 | 1.772 | 2.077 | 1.898 E6 | 6.14 |
| 15) B  | Endosulfan II        | 1.929 | 1.830 | 1.792 | 1.893 | 1.937 | 1.876 E6 | 3.37 |
| 16) A  | 4,4'-DDD             | 1.698 | 1.682 | 1.617 | 1.566 | 1.772 | 1.667 E6 | 4.74 |
| 17) MA | 4,4'-DDT             | 1.835 | 1.823 | 1.752 | 1.690 | 1.862 | 1.792 E6 | 3.93 |
| 18) B  | Endrin aldehyde      | 1.482 | 1.423 | 1.387 | 1.418 | 1.566 | 1.455 E6 | 4.88 |
| 19) B  | Endosulfan Sulfate   | 1.860 | 1.803 | 1.750 | 1.769 | 2.017 | 1.840 E6 | 5.83 |
| 20) A  | Methoxychlor         | 0.930 | 0.882 | 0.866 | 0.897 | 1.028 | 0.921 E6 | 7.00 |
| 21) B  | Endrin ketone        | 1.959 | 1.903 | 1.846 | 1.832 | 1.866 | 1.881 E6 | 2.72 |
| 22)    | Mirex                | 1.489 | 1.398 | 1.378 | 1.450 | 1.584 | 1.460 E6 | 5.61 |
| 23)    | Chlordane-1          | 7.981 | 7.474 | 7.656 | 7.633 | 8.433 | 7.835 E4 | 4.87 |
| 24)    | Chlordane-2          | 8.408 | 7.577 | 7.808 | 8.230 | 9.349 | 8.274 E4 | 8.28 |
| 25)    | Chlordane-3          | 3.460 | 3.321 | 3.352 | 3.223 | 3.346 | 3.340 E5 | 2.53 |
| 26)    | Chlordane-4          | 4.212 | 4.012 | 4.082 | 4.005 | 4.215 | 4.105 E5 | 2.52 |
| 27)    | Chlordane-5          | 6.848 | 6.442 | 6.574 | 6.309 | 6.522 | 6.539 E4 | 3.05 |
| 28) SA | Decachlorobiphenyl   | 1.530 | 1.441 | 1.413 | 1.476 | 1.662 | 1.504 E6 | 6.53 |

## Signal #2 Calibration Files

50 =PL078436.D 100 =PL078434.D 75 =PL078435.D  
 25 =PL078437.D 5 =PL078438.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 2.576 | 2.430 | 2.414 | 2.489 | 2.857 | 2.553 E6 | 7.09  |
| 2) A   | alpha-BHC            | 4.018 | 3.928 | 3.856 | 3.831 | 4.111 | 3.949 E6 | 2.94  |
| 3) MA  | gamma-BHC (Lindane)  | 3.621 | 3.496 | 3.440 | 3.481 | 3.934 | 3.594 E6 | 5.61  |
| 4) MA  | Heptachlor           | 3.499 | 3.352 | 3.309 | 3.390 | 3.790 | 3.468 E6 | 5.58  |
| 5) MB  | Aldrin               | 3.489 | 3.349 | 3.304 | 3.412 | 3.954 | 3.502 E6 | 7.49  |
| 6) B   | beta-BHC             | 1.410 | 1.329 | 1.327 | 1.420 | 1.688 | 1.435 E6 | 10.33 |
| 7) B   | delta-BHC            | 3.679 | 3.561 | 3.491 | 3.546 | 3.931 | 3.641 E6 | 4.82  |
| 8) B   | Heptachlor epoxide   | 2.995 | 2.846 | 2.815 | 2.950 | 3.460 | 3.013 E6 | 8.64  |
| 9) A   | Endosulfan I         | 2.861 | 2.716 | 2.685 | 2.826 | 3.226 | 2.863 E6 | 7.54  |
| 10) B  | gamma-Chlordane      | 3.046 | 2.904 | 2.867 | 2.969 | 3.536 | 3.064 E6 | 8.89  |
| 11) B  | alpha-Chlordane      | 2.963 | 2.820 | 2.782 | 2.910 | 3.427 | 2.980 E6 | 8.72  |
| 12) B  | 4,4'-DDE             | 2.749 | 2.664 | 2.604 | 2.642 | 2.953 | 2.723 E6 | 5.12  |
| 13) MA | Dieldrin             | 2.980 | 2.863 | 2.807 | 2.896 | 3.269 | 2.963 E6 | 6.15  |
| 14) MA | Endrin               | 2.628 | 2.511 | 2.470 | 2.538 | 2.879 | 2.605 E6 | 6.29  |
| 15) B  | Endosulfan II        | 2.325 | 2.229 | 2.188 | 2.256 | 2.384 | 2.276 E6 | 3.43  |
| 16) A  | 4,4'-DDD             | 2.232 | 2.146 | 2.099 | 2.151 | 2.354 | 2.196 E6 | 4.56  |
| 17) MA | 4,4'-DDT             | 2.255 | 2.219 | 2.156 | 2.115 | 2.101 | 2.169 E6 | 3.05  |
| 18) B  | Endrin aldehyde      | 1.863 | 1.753 | 1.725 | 1.856 | 2.185 | 1.877 E6 | 9.75  |
| 19) B  | Endosulfan Sulfate   | 2.372 | 2.234 | 2.202 | 2.354 | 2.740 | 2.380 E6 | 8.99  |
| 20) A  | Methoxychlor         | 1.169 | 1.081 | 1.076 | 1.144 | 1.204 | 1.135 E6 | 4.90  |
| 21) B  | Endrin ketone        | 2.616 | 2.484 | 2.441 | 2.552 | 2.831 | 2.585 E6 | 5.92  |
| 22)    | Mirex                | 1.941 | 1.789 | 1.781 | 1.965 | 2.363 | 1.968 E6 | 12.01 |

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|        | Compound           | 50    | 100   | 75    | 25    | 5     | Avg   |    | %RSD  |
|--------|--------------------|-------|-------|-------|-------|-------|-------|----|-------|
| 23)    | Chlordane-1        | 1.012 | 0.917 | 0.953 | 0.998 | 1.163 | 1.009 | E5 | 9.33  |
| 24)    | Chlordane-2        | 1.071 | 0.943 | 0.983 | 1.101 | 1.222 | 1.064 | E5 | 10.25 |
| 25)    | Chlordane-3        | 3.105 | 2.859 | 2.927 | 2.996 | 3.352 | 3.048 | E5 | 6.33  |
| 26)    | Chlordane-4        | 3.293 | 3.016 | 3.129 | 3.242 | 3.659 | 3.268 | E5 | 7.46  |
| 27)    | Chlordane-5        | 8.375 | 7.624 | 7.898 | 8.234 | 8.647 | 8.156 | E4 | 4.92  |
| 28) SA | Decachlorobiphenyl | 1.875 | 1.732 | 1.713 | 1.888 | 2.261 | 1.894 | E6 | 11.63 |

(#) = Out of Range