

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\  
 Method File : PL021220.M  
 Title : GC Extractables  
 Last Update : Thu Feb 13 05:32:36 2020  
 Response Via : Initial Calibration

## Calibration Files

50 =PL056502.D 100 =PL056500.D 75 =PL056501.D  
 25 =PL056503.D 5 =PL056504.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 9.151 | 8.672 | 8.863 | 8.902 | 8.529 | 8.824 E6 | 2.69  |
| 2) A   | alpha-BHC            | 1.604 | 1.514 | 1.554 | 1.532 | 1.461 | 1.533 E7 | 3.41  |
| 3) MA  | gamma-BHC (Lindane)  | 1.487 | 1.451 | 1.445 | 1.414 | 1.258 | 1.411 E7 | 6.34  |
| 4) MA  | Heptachlor           | 1.512 | 1.409 | 1.456 | 1.471 | 1.430 | 1.456 E7 | 2.72  |
| 5) MB  | Aldrin               | 1.486 | 1.383 | 1.429 | 1.441 | 1.387 | 1.425 E7 | 2.97  |
| 6) B   | beta-BHC             | 5.919 | 5.510 | 5.751 | 5.785 | 5.565 | 5.706 E6 | 2.93  |
| 7) B   | delta-BHC            | 1.484 | 1.397 | 1.434 | 1.411 | 1.274 | 1.400 E7 | 5.55  |
| 8) B   | Heptachlor epoxide   | 1.389 | 1.266 | 1.323 | 1.374 | 1.341 | 1.339 E7 | 3.60  |
| 9) A   | Endosulfan I         | 1.299 | 1.163 | 1.227 | 1.276 | 1.308 | 1.255 E7 | 4.80  |
| 10) B  | gamma-Chlordane      | 1.414 | 1.292 | 1.356 | 1.393 | 1.424 | 1.376 E7 | 3.89  |
| 11) B  | alpha-Chlordane      | 1.388 | 1.254 | 1.319 | 1.383 | 1.466 | 1.362 E7 | 5.86  |
| 12) B  | 4,4'-DDE             | 1.332 | 1.157 | 1.234 | 1.314 | 1.321 | 1.272 E7 | 5.90  |
| 13) MA | Dieldrin             | 1.417 | 1.206 | 1.300 | 1.395 | 1.352 | 1.334 E7 | 6.34  |
| 14) MA | Endrin               | 1.243 | 1.012 | 1.122 | 1.233 | 1.247 | 1.171 E7 | 8.79  |
| 15) B  | Endosulfan II        | 1.145 | 0.923 | 1.061 | 1.132 | 1.001 | 1.053 E7 | 8.80  |
| 16) A  | 4,4'-DDD             | 1.023 | 0.807 | 0.911 | 0.996 | 0.995 | 0.946 E7 | 9.37  |
| 17) MA | 4,4'-DDT             | 1.022 | 0.894 | 1.014 | 0.968 | 0.840 | 0.948 E7 | 8.31  |
| 18) B  | Endrin aldehyde      | 0.964 | 0.885 | 0.978 | 0.970 | 1.002 | 0.960 E7 | 4.63  |
| 19) B  | Endosulfan Sulfate   | 1.089 | 0.979 | 1.079 | 1.077 | 1.099 | 1.065 E7 | 4.58  |
| 20) A  | Methoxychlor         | 4.752 | 4.924 | 5.172 | 4.811 | 4.944 | 4.921 E6 | 3.28  |
| 21) B  | Endrin ketone        | 1.183 | 1.154 | 1.204 | 1.203 | 1.236 | 1.196 E7 | 2.53  |
| 22)    | Mirex                | 8.090 | 6.861 | 7.889 | 8.083 | 6.181 | 7.421 E6 | 11.58 |
| 23)    | Chlordane-1          | 3.762 |       |       |       |       | 3.762 E5 | 0.00  |
| 24)    | Chlordane-2          | 4.308 |       |       |       |       | 4.308 E5 | 0.00  |
| 25)    | Chlordane-3          | 1.313 |       |       |       |       | 1.313 E6 | 0.00  |
| 26)    | Chlordane-4          | 1.087 |       |       |       |       | 1.087 E6 | 0.00  |
| 27)    | Chlordane-5          | 4.268 |       |       |       |       | 4.268 E5 | 0.00  |
| 28) SA | Decachlorobiphenyl   | 1.002 | 0.865 | 0.890 | 1.012 | 1.021 | 0.958 E7 | 7.78  |

## Signal #2 Calibration Files

50 =PL056502.D 100 =PL056500.D 75 =PL056501.D  
 25 =PL056503.D 5 =PL056504.D

|        | Compound             | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 2.747 | 2.637 | 2.664 | 2.716 | 2.839 | 2.720 E6 | 2.89  |
| 2) A   | alpha-BHC            | 4.216 | 4.114 | 4.138 | 4.066 | 3.826 | 4.072 E6 | 3.63  |
| 3) MA  | gamma-BHC (Lindane)  | 3.897 | 3.773 | 3.793 | 3.778 | 3.761 | 3.801 E6 | 1.45  |
| 4) MA  | Heptachlor           | 3.418 | 3.296 | 3.338 | 3.302 | 3.455 | 3.362 E6 | 2.12  |
| 5) MB  | Aldrin               | 3.322 | 3.077 | 3.235 | 3.252 | 3.329 | 3.243 E6 | 3.14  |
| 6) B   | beta-BHC             | 1.515 | 1.448 | 1.473 | 1.478 | 1.324 | 1.448 E6 | 5.06  |
| 7) B   | delta-BHC            | 3.157 | 3.123 | 3.130 | 2.884 | 2.437 | 2.946 E6 | 10.36 |
| 8) B   | Heptachlor epoxide   | 2.882 | 2.572 | 2.761 | 2.842 | 2.930 | 2.798 E6 | 5.01  |
| 9) A   | Endosulfan I         | 2.800 | 2.638 | 2.713 | 2.796 | 2.956 | 2.780 E6 | 4.26  |
| 10) B  | gamma-Chlordane      | 2.963 | 2.742 | 2.879 | 2.954 | 3.087 | 2.925 E6 | 4.32  |
| 11) B  | alpha-Chlordane      | 2.955 | 2.783 | 2.867 | 2.953 | 3.129 | 2.937 E6 | 4.38  |
| 12) B  | 4,4'-DDE             | 2.851 | 2.756 | 2.790 | 2.775 | 2.838 | 2.802 E6 | 1.46  |
| 13) MA | Dieldrin             | 2.948 | 2.839 | 2.881 | 2.898 | 2.985 | 2.910 E6 | 1.97  |
| 14) MA | Endrin               | 2.468 | 2.393 | 2.422 | 2.406 | 2.490 | 2.436 E6 | 1.70  |
| 15) B  | Endosulfan II        | 2.537 | 2.401 | 2.458 | 2.471 | 2.866 | 2.547 E6 | 7.25  |
| 16) A  | 4,4'-DDD             | 2.306 | 2.217 | 2.256 | 2.181 | 2.348 | 2.262 E6 | 2.97  |
| 17) MA | 4,4'-DDT             | 2.167 | 2.158 | 2.159 | 2.078 | 1.999 | 2.112 E6 | 3.45  |
| 18) B  | Endrin aldehyde      | 2.139 | 2.020 | 2.071 | 2.139 | 2.273 | 2.128 E6 | 4.47  |
| 19) B  | Endosulfan Sulfate   | 2.377 | 2.234 | 2.291 | 2.383 | 2.564 | 2.370 E6 | 5.27  |
| 20) A  | Methoxychlor         | 1.164 | 1.118 | 1.134 | 1.149 | 1.179 | 1.149 E6 | 2.10  |
| 21) B  | Endrin ketone        | 2.552 | 2.430 | 2.478 | 2.502 | 2.602 | 2.513 E6 | 2.64  |
| 22)    | Mirex                | 1.637 | 1.520 | 1.527 | 1.668 | 1.723 | 1.615 E6 | 5.53  |
| 23)    | Chlordane-1          | 1.030 |       |       |       |       | 1.030 E5 | 0.00  |

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|        | Compound           | 50    | 100   | 75    | 25    | 5     | Avg      | %RSD |
|--------|--------------------|-------|-------|-------|-------|-------|----------|------|
| 24)    | Chlordane-2        | 1.032 |       |       |       |       | 1.032 E5 | 0.00 |
| 25)    | Chlordane-3        | 3.875 |       |       |       |       | 3.875 E5 | 0.00 |
| 26)    | Chlordane-4        | 4.551 |       |       |       |       | 4.551 E5 | 0.00 |
| 27)    | Chlordane-5        | 8.043 |       |       |       |       | 8.043 E4 | 0.00 |
| 28) SA | Decachlorobiphenyl | 2.043 | 1.941 | 1.972 | 2.074 | 2.169 | 2.040 E6 | 4.41 |

(#) = Out of Range