

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\  
 Method File : PD021920CLP.M  
 Title : GC Extractables  
 Last Update : Thu Feb 20 06:48:19 2020  
 Response Via : Initial Calibration

## Calibration Files

3 =PD057382.D 1 =PD057378.D 2 =PD057380.D  
 4 =PD057384.D 5 =PD057386.D

|        | Compound             | 3     | 1     | 2     | 4     | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 8.402 | 8.201 | 8.326 | 8.359 | 8.709 | 8.399 E5 | 2.24  |
| 2) A   | alpha-BHC            | 1.166 | 1.063 | 1.106 | 1.216 | 1.318 | 1.174 E6 | 8.47  |
| 3) MA  | gamma-BHC (Lindane)  | 1.117 | 1.155 | 1.104 | 1.141 | 1.215 | 1.146 E6 | 3.77  |
| 4) MA  | Heptachlor           | 5.810 | 5.377 | 5.998 | 5.777 | 6.077 | 5.808 E5 | 4.68  |
| 5) MB  | Aldrin               | 1.043 | 1.006 | 1.058 | 1.118 | 1.208 | 1.086 E6 | 7.28  |
| 6) B   | beta-BHC             | 4.674 | 4.444 | 4.822 | 4.788 | 4.954 | 4.736 E5 | 4.05  |
| 7) B   | delta-BHC            | 1.120 | 0.968 | 1.135 | 1.200 | 1.298 | 1.144 E6 | 10.54 |
| 8) B   | Heptachlor epoxide   | 0.927 | 0.815 | 0.942 | 0.986 | 1.058 | 0.946 E6 | 9.39  |
| 9) A   | Endosulfan I         | 0.951 | 0.938 | 0.936 | 0.971 | 1.036 | 0.966 E6 | 4.31  |
| 10) B  | trans-Chlordane      | 0.948 | 0.908 | 0.974 | 1.013 | 1.098 | 0.988 E6 | 7.31  |
| 11) B  | cis-Chlordane        | 0.960 | 0.954 | 0.992 | 1.020 | 1.093 | 1.004 E6 | 5.65  |
| 12) B  | 4,4'-DDE             | 1.020 | 0.979 | 1.033 | 1.104 | 1.200 | 1.067 E6 | 8.15  |
| 13) MA | Dieldrin             | 1.007 | 0.960 | 0.932 | 1.064 | 1.152 | 1.023 E6 | 8.59  |
| 14) MA | Endrin               | 8.316 | 8.136 | 7.732 | 8.596 | 9.141 | 8.384 E5 | 6.28  |
| 15) B  | Endosulfan II        | 0.871 | 0.677 | 0.884 | 0.936 | 1.005 | 0.875 E6 | 13.97 |
| 16) A  | 4,4'-DDD             | 6.819 | 6.663 | 6.358 | 7.096 | 7.632 | 6.913 E5 | 6.97  |
| 17) MA | 4,4'-DDT             | 5.087 | 4.080 | 4.959 | 5.306 | 5.817 | 5.050 E5 | 12.54 |
| 18) B  | Endrin aldehyde      | 7.149 | 4.749 | 7.217 | 7.603 | 8.020 | 6.948 E5 | 18.38 |
| 19) B  | Endosulfan Sulfate   | 8.615 | 7.113 | 8.687 | 9.278 | 9.948 | 8.728 E5 | 12.03 |
| 20) A  | Methoxychlor         | 2.537 | 2.310 | 2.535 | 2.497 | 2.537 | 2.483 E5 | 3.95  |
| 21) B  | Endrin ketone        | 0.884 | 0.597 | 0.887 | 0.947 | 1.011 | 0.865 E6 | 18.32 |
| 22)    | Toxaphene-1          | 5.419 | 5.638 | 5.378 | 5.489 | 5.647 | 5.514 E3 | 2.25  |
| 23)    | Toxaphene-2          | 4.086 | 4.074 | 4.125 | 4.247 | 4.596 | 4.226 E3 | 5.17  |
| 24)    | Toxaphene-3          | 3.248 | 3.367 | 3.408 | 3.449 | 3.547 | 3.404 E3 | 3.22  |
| 25)    | Toxaphene-4          | 1.189 | 1.188 | 1.163 | 1.258 | 1.328 | 1.225 E4 | 5.52  |
| 26)    | Toxaphene-5          | 1.151 | 1.117 | 1.137 | 1.222 | 1.270 | 1.180 E4 | 5.43  |
| 27) SA | Decachlorobiphenyl   | 0.975 | 1.019 | 1.003 | 0.949 | 0.969 | 0.983 E6 | 2.86  |

## Signal #2 Calibration Files

3 =PD057382.D 1 =PD057378.D 2 =PD057380.D  
 4 =PD057384.D 5 =PD057386.D

|        | Compound             | 3     | 1     | 2     | 4     | 5     | Avg      | %RSD  |
|--------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA  | Tetrachloro-m-xylene | 1.597 | 1.589 | 1.597 | 1.576 | 1.611 | 1.594 E6 | 0.79  |
| 2) A   | alpha-BHC            | 2.404 | 2.202 | 2.275 | 2.452 | 2.589 | 2.385 E6 | 6.36  |
| 3) MA  | gamma-BHC (Lindane)  | 2.371 | 2.171 | 2.287 | 2.405 | 2.530 | 2.353 E6 | 5.70  |
| 4) MA  | Heptachlor           | 1.931 | 1.779 | 1.864 | 1.940 | 2.030 | 1.909 E6 | 4.90  |
| 5) MB  | Aldrin               | 2.413 | 2.388 | 2.502 | 2.540 | 2.663 | 2.501 E6 | 4.39  |
| 6) B   | beta-BHC             | 1.060 | 1.045 | 1.100 | 1.077 | 1.095 | 1.075 E6 | 2.16  |
| 7) B   | delta-BHC            | 2.268 | 1.817 | 2.210 | 2.467 | 2.633 | 2.279 E6 | 13.51 |
| 8) B   | Heptachlor epoxide   | 2.360 | 2.390 | 2.499 | 2.459 | 2.547 | 2.451 E6 | 3.14  |
| 9) A   | Endosulfan I         | 2.476 | 2.439 | 2.505 | 2.482 | 2.569 | 2.494 E6 | 1.93  |
| 10) B  | trans-Chlordane      | 2.464 | 2.457 | 2.573 | 2.573 | 2.687 | 2.551 E6 | 3.71  |
| 11) B  | cis-Chlordane        | 2.492 | 2.565 | 2.617 | 2.601 | 2.691 | 2.593 E6 | 2.81  |
| 12) B  | 4,4'-DDE             | 2.578 | 2.499 | 2.619 | 2.721 | 2.849 | 2.653 E6 | 5.11  |
| 13) MA | Dieldrin             | 2.794 | 2.663 | 2.662 | 2.867 | 2.990 | 2.795 E6 | 5.01  |
| 14) MA | Endrin               | 2.316 | 2.214 | 2.208 | 2.355 | 2.460 | 2.310 E6 | 4.55  |
| 15) B  | Endosulfan II        | 2.365 | 2.190 | 2.455 | 2.455 | 2.538 | 2.401 E6 | 5.52  |
| 16) A  | 4,4'-DDD             | 2.282 | 2.152 | 2.136 | 2.321 | 2.427 | 2.264 E6 | 5.38  |
| 17) MA | 4,4'-DDT             | 1.812 | 1.437 | 1.666 | 1.921 | 2.073 | 1.782 E6 | 13.68 |
| 18) B  | Endrin aldehyde      | 2.061 | 1.806 | 2.138 | 2.121 | 2.170 | 2.059 E6 | 7.13  |
| 19) B  | Endosulfan Sulfate   | 2.480 | 2.311 | 2.552 | 2.579 | 2.661 | 2.517 E6 | 5.24  |
| 20) A  | Methoxychlor         | 1.015 | 0.928 | 0.994 | 1.005 | 1.001 | 0.989 E6 | 3.49  |
| 21) B  | Endrin ketone        | 2.500 | 2.085 | 2.536 | 2.615 | 2.707 | 2.489 E6 | 9.61  |
| 22)    | Toxaphene-1          | 1.312 | 1.339 | 1.279 | 1.308 | 1.289 | 1.305 E4 | 1.78  |
| 23)    | Toxaphene-2          | 1.598 | 1.564 | 1.570 | 1.599 | 1.581 | 1.582 E4 | 1.01  |

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|        | Compound           | 3     | 1     | 2     | 4     | 5     | Avg   |    | %RSD |
|--------|--------------------|-------|-------|-------|-------|-------|-------|----|------|
| 24)    | Toxaphene-3        | 1.710 | 1.755 | 1.720 | 1.774 | 1.670 | 1.726 | E4 | 2.35 |
| 25)    | Toxaphene-4        | 5.693 | 5.529 | 5.745 | 5.862 | 5.666 | 5.699 | E4 | 2.13 |
| 26)    | Toxaphene-5        | 2.428 | 2.368 | 2.370 | 2.332 | 2.227 | 2.345 | E4 | 3.17 |
| 27) SA | Decachlorobiphenyl | 2.370 | 2.462 | 2.481 | 2.280 | 2.249 | 2.368 | E6 | 4.39 |

(#) = Out of Range