

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\  
 Method File : PR011924.M  
 Title : GC EXTRACTABLES  
 Last Update : Fri Jan 19 20:49:45 2024  
 Response Via : Initial Calibration

## Calibration Files

750 =PR064987.D 1000 =PR064986.D 500 =PR064988.D  
 250 =PR064989.D 50 =PR064990.D

| Compound |                      | 750   | 1000  | 500   | 250   | 50    | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 6.061 | 5.833 | 5.877 | 6.265 | 5.811 | 5.969 | E6   | 3.22 |
| 2) SA    | Decachlorobiphenyl   | 3.892 | 3.602 | 3.832 | 4.269 | 4.403 | 3.999 | E6   | 8.23 |
| 3) L1    | AR-1016-1            | 1.764 | 1.624 | 1.719 | 1.893 | 1.862 | 1.772 | E5   | 6.15 |
| 4) L1    | AR-1016-2            | 2.558 | 2.421 | 2.500 | 2.791 | 2.764 | 2.607 | E5   | 6.28 |
| 5) L1    | AR-1016-3            | 1.617 | 1.509 | 1.602 | 1.797 | 1.832 | 1.671 | E5   | 8.21 |
| 6) L1    | AR-1016-4            | 1.318 | 1.230 | 1.295 | 1.427 | 1.435 | 1.341 | E5   | 6.56 |
| 7) L1    | AR-1016-5            | 1.315 | 1.233 | 1.297 | 1.483 | 1.423 | 1.350 | E5   | 7.47 |
| 8) L2    | AR-1221-1            |       |       | 7.177 |       |       | 7.177 | E4   | 0.00 |
| 9) L2    | AR-1221-2            |       |       | 5.242 |       |       | 5.242 | E4   | 0.00 |
| 10) L2   | AR-1221-3            |       |       | 1.536 |       |       | 1.536 | E5   | 0.00 |
| 11) L3   | AR-1232-1            |       |       | 1.352 |       |       | 1.352 | E5   | 0.00 |
| 12) L3   | AR-1232-2            |       |       | 7.704 |       |       | 7.704 | E4   | 0.00 |
| 13) L3   | AR-1232-3            |       |       | 1.275 |       |       | 1.275 | E5   | 0.00 |
| 14) L3   | AR-1232-4            |       |       | 6.555 |       |       | 6.555 | E4   | 0.00 |
| 15) L3   | AR-1232-5            |       |       | 4.837 |       |       | 4.837 | E4   | 0.00 |
| 16) L4   | AR-1242-1            | 1.389 | 1.376 | 1.452 | 1.538 | 1.394 | 1.430 | E5   | 4.70 |
| 17) L4   | AR-1242-2            | 2.020 | 2.014 | 2.129 | 2.249 | 2.118 | 2.106 | E5   | 4.57 |
| 18) L4   | AR-1242-3            | 1.293 | 1.260 | 1.365 | 1.463 | 1.391 | 1.354 | E5   | 5.93 |
| 19) L4   | AR-1242-4            | 1.045 | 1.024 | 1.097 | 1.171 | 1.096 | 1.087 | E5   | 5.24 |
| 20) L4   | AR-1242-5            | 1.094 | 1.068 | 1.144 | 1.217 | 1.132 | 1.131 | E5   | 5.02 |
| 21) L5   | AR-1248-1            | 1.012 | 1.032 | 1.068 | 1.129 | 1.078 | 1.064 | E5   | 4.24 |
| 22) L5   | AR-1248-2            | 1.456 | 1.454 | 1.536 | 1.652 | 1.670 | 1.554 | E5   | 6.68 |
| 23) L5   | AR-1248-3            | 1.698 | 1.713 | 1.800 | 1.890 | 1.827 | 1.786 | E5   | 4.49 |
| 24) L5   | AR-1248-4            | 1.802 | 1.831 | 1.897 | 2.002 | 1.947 | 1.896 | E5   | 4.31 |
| 25) L5   | AR-1248-5            | 1.791 | 1.821 | 1.893 | 1.987 | 2.036 | 1.905 | E5   | 5.52 |
| 26) L6   | AR-1254-1            | 1.884 | 1.935 | 2.066 | 2.197 | 2.158 | 2.048 | E5   | 6.64 |
| 27) L6   | AR-1254-2            | 2.886 | 2.960 | 3.132 | 3.312 | 3.293 | 3.117 | E5   | 6.16 |
| 28) L6   | AR-1254-3            | 3.010 | 3.096 | 3.225 | 3.383 | 3.281 | 3.199 | E5   | 4.62 |
| 29) L6   | AR-1254-4            | 2.158 | 2.215 | 2.330 | 2.429 | 2.326 | 2.292 | E5   | 4.65 |
| 30) L6   | AR-1254-5            | 2.331 | 2.399 | 2.511 | 2.631 | 2.554 | 2.485 | E5   | 4.83 |
| 31) L7   | AR-1260-1            | 2.433 | 2.275 | 2.396 | 2.700 | 2.766 | 2.514 | E5   | 8.34 |
| 32) L7   | AR-1260-2            | 2.783 | 2.589 | 2.729 | 3.066 | 3.203 | 2.874 | E5   | 8.80 |
| 33) L7   | AR-1260-3            | 2.082 | 1.921 | 2.031 | 2.272 | 2.265 | 2.114 | E5   | 7.20 |
| 34) L7   | AR-1260-4            | 2.333 | 2.166 | 2.277 | 2.533 | 2.489 | 2.360 | E5   | 6.42 |
| 35) L7   | AR-1260-5            | 4.423 | 4.150 | 4.229 | 4.631 | 4.552 | 4.397 | E5   | 4.67 |
| 36) L8   | AR-1262-1            |       |       | 3.385 |       |       | 3.385 | E5   | 0.00 |
| 37) L8   | AR-1262-2            |       |       | 5.656 |       |       | 5.656 | E5   | 0.00 |
| 38) L8   | AR-1262-3            |       |       | 3.805 |       |       | 3.805 | E5   | 0.00 |
| 39) L8   | AR-1262-4            |       |       | 2.929 |       |       | 2.929 | E5   | 0.00 |
| 40) L8   | AR-1262-5            |       |       | 2.004 |       |       | 2.004 | E5   | 0.00 |
| 41) L9   | AR-1268-1            | 5.967 | 5.886 | 5.927 | 6.329 | 6.205 | 6.063 | E5   | 3.19 |
| 42) L9   | AR-1268-2            | 5.392 | 5.330 | 5.374 | 5.734 | 5.529 | 5.472 | E5   | 3.00 |
| 43) L9   | AR-1268-3            | 4.669 | 4.613 | 4.642 | 4.972 | 4.828 | 4.745 | E5   | 3.20 |
| 44) L9   | AR-1268-4            | 1.974 | 1.932 | 1.991 | 2.157 | 2.120 | 2.035 | E5   | 4.81 |
| 45) L9   | AR-1268-5            | 1.462 | 1.454 | 1.429 | 1.495 | 1.449 | 1.458 | E6   | 1.64 |

## Signal #2 Calibration Files

750 =PR064987.D 1000 =PR064986.D 500 =PR064988.D  
 250 =PR064989.D 50 =PR064990.D

| Compound |                      | 750   | 1000  | 500   | 250   | 50    | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 5.718 | 5.512 | 5.482 | 5.703 | 4.934 | 5.470 | E6   | 5.81 |
| 2) SA    | Decachlorobiphenyl   | 4.766 | 4.495 | 4.650 | 4.982 | 4.771 | 4.733 | E6   | 3.79 |
| 3) L1    | AR-1016-1            | 1.818 | 1.726 | 1.772 | 1.971 | 1.794 | 1.816 | E5   | 5.11 |
| 4) L1    | AR-1016-2            | 2.520 | 2.410 | 2.444 | 2.566 | 2.421 | 2.472 | E5   | 2.75 |
| 5) L1    | AR-1016-3            | 1.372 | 1.306 | 1.342 | 1.449 | 1.310 | 1.356 | E5   | 4.31 |

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## Calibration Files

750 =PR064987.D 1000 =PR064986.D 500 =PR064988.D  
 250 =PR064989.D 50 =PR064990.D

|       | Compound     | 750   | 1000  | 500   | 250   | 50    | Avg   |    | %RSD |
|-------|--------------|-------|-------|-------|-------|-------|-------|----|------|
| ----- |              |       |       |       |       |       |       |    |      |
| 6)    | L1 AR-1016-4 | 1.047 | 0.985 | 1.032 | 1.126 | 1.047 | 1.047 | E5 | 4.86 |
| 7)    | L1 AR-1016-5 | 1.407 | 1.335 | 1.374 | 1.511 | 1.348 | 1.395 | E5 | 5.03 |
| 8)    | L2 AR-1221-1 |       |       | 6.193 |       |       | 6.193 | E4 | 0.00 |
| 9)    | L2 AR-1221-2 |       |       | 4.770 |       |       | 4.770 | E4 | 0.00 |
| 10)   | L2 AR-1221-3 |       |       | 1.381 |       |       | 1.381 | E5 | 0.00 |
| 11)   | L3 AR-1232-1 |       |       | 1.198 |       |       | 1.198 | E5 | 0.00 |
| 12)   | L3 AR-1232-2 |       |       | 1.222 |       |       | 1.222 | E5 | 0.00 |
| 13)   | L3 AR-1232-3 |       |       | 6.652 |       |       | 6.652 | E4 | 0.00 |
| 14)   | L3 AR-1232-4 |       |       | 5.726 |       |       | 5.726 | E4 | 0.00 |
| 15)   | L3 AR-1232-5 |       |       | 6.374 |       |       | 6.374 | E4 | 0.00 |
| 16)   | L4 AR-1242-1 | 1.443 | 1.425 | 1.501 | 1.558 | 1.381 | 1.461 | E5 | 4.71 |
| 17)   | L4 AR-1242-2 | 1.981 | 1.979 | 2.073 | 2.099 | 1.842 | 1.995 | E5 | 5.07 |
| 18)   | L4 AR-1242-3 | 1.083 | 1.074 | 1.132 | 1.161 | 1.024 | 1.095 | E5 | 4.88 |
| 19)   | L4 AR-1242-4 | 1.028 | 1.010 | 1.081 | 1.129 | 1.001 | 1.050 | E5 | 5.15 |
| 20)   | L4 AR-1242-5 | 1.333 | 1.317 | 1.390 | 1.436 | 1.275 | 1.350 | E5 | 4.68 |
| 21)   | L5 AR-1248-1 | 1.067 | 1.079 | 1.098 | 1.129 | 1.029 | 1.080 | E5 | 3.44 |
| 22)   | L5 AR-1248-2 | 1.388 | 1.372 | 1.462 | 1.543 | 1.476 | 1.448 | E5 | 4.80 |
| 23)   | L5 AR-1248-3 | 1.516 | 1.518 | 1.574 | 1.614 | 1.515 | 1.547 | E5 | 2.88 |
| 24)   | L5 AR-1248-4 | 1.850 | 1.862 | 1.911 | 1.935 | 1.806 | 1.873 | E5 | 2.73 |
| 25)   | L5 AR-1248-5 | 1.844 | 1.866 | 1.900 | 1.903 | 1.794 | 1.861 | E5 | 2.40 |
| 26)   | L6 AR-1254-1 | 2.816 | 2.885 | 2.994 | 3.092 | 2.784 | 2.914 | E5 | 4.38 |
| 27)   | L6 AR-1254-2 | 2.427 | 2.478 | 2.590 | 2.706 | 2.467 | 2.533 | E5 | 4.49 |
| 28)   | L6 AR-1254-3 | 3.971 | 4.081 | 4.209 | 4.316 | 3.880 | 4.092 | E5 | 4.29 |
| 29)   | L6 AR-1254-4 | 2.483 | 2.563 | 2.645 | 2.722 | 2.424 | 2.567 | E5 | 4.68 |
| 30)   | L6 AR-1254-5 | 3.541 | 3.651 | 3.772 | 3.909 | 3.455 | 3.666 | E5 | 4.93 |
| 31)   | L7 AR-1260-1 | 2.826 | 2.673 | 2.764 | 3.023 | 2.986 | 2.854 | E5 | 5.19 |
| 32)   | L7 AR-1260-2 | 3.435 | 3.249 | 3.347 | 3.627 | 3.682 | 3.468 | E5 | 5.29 |
| 33)   | L7 AR-1260-3 | 3.249 | 3.087 | 3.152 | 3.408 | 3.348 | 3.249 | E5 | 4.09 |
| 34)   | L7 AR-1260-4 | 2.678 | 2.536 | 2.598 | 2.793 | 2.605 | 2.642 | E5 | 3.72 |
| 35)   | L7 AR-1260-5 | 6.356 | 6.030 | 6.092 | 6.428 | 5.931 | 6.167 | E5 | 3.48 |
| 36)   | L8 AR-1262-1 |       |       | 1.794 |       |       | 1.794 | E5 | 0.00 |
| 37)   | L8 AR-1262-2 |       |       | 3.891 |       |       | 3.891 | E5 | 0.00 |
| 38)   | L8 AR-1262-3 |       |       | 2.834 |       |       | 2.834 | E5 | 0.00 |
| 39)   | L8 AR-1262-4 |       |       | 5.759 |       |       | 5.759 | E5 | 0.00 |
| 40)   | L8 AR-1262-5 |       |       | 2.603 |       |       | 2.603 | E5 | 0.00 |
| 41)   | L9 AR-1268-1 | 7.972 | 7.863 | 7.966 | 8.281 | 7.585 | 7.933 | E5 | 3.15 |
| 42)   | L9 AR-1268-2 | 7.551 | 7.506 | 7.478 | 7.738 | 6.951 | 7.445 | E5 | 3.95 |
| 43)   | L9 AR-1268-3 | 6.392 | 6.362 | 6.341 | 6.593 | 5.987 | 6.335 | E5 | 3.45 |
| 44)   | L9 AR-1268-4 | 2.606 | 2.599 | 2.596 | 2.735 | 2.579 | 2.623 | E5 | 2.41 |
| 45)   | L9 AR-1268-5 | 1.961 | 1.952 | 1.929 | 1.981 | 1.750 | 1.915 | E6 | 4.91 |

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 (#) = Out of Range