

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\  
 Method File : PQ011321.M  
 Title : GC EXTRACTABLES  
 Last Update : Wed Jan 13 03:20:30 2021  
 Response Via : Initial Calibration

## Calibration Files

500 =PQ051674.D 1000 =PQ051672.D 750 =PQ051673.D  
 250 =PQ051675.D 50 =PQ051676.D

|        | Compound             | 500   | 1000  | 750   | 250   | 50    | Avg   |    | %RSD |
|--------|----------------------|-------|-------|-------|-------|-------|-------|----|------|
| 1) SA  | Tetrachloro-m-xylene | 2.807 | 2.740 | 2.795 | 2.759 | 2.635 | 2.747 | E7 | 2.49 |
| 2) SA  | Decachlorobiphenyl   | 1.702 | 1.634 | 1.675 | 1.725 | 1.798 | 1.707 | E7 | 3.57 |
| 3) L1  | AR-1016-1            | 9.077 | 8.634 | 8.977 | 9.102 | 9.568 | 9.072 | E5 | 3.69 |
| 4) L1  | AR-1016-2            | 1.340 | 1.299 | 1.327 | 1.336 | 1.390 | 1.339 | E6 | 2.45 |
| 5) L1  | AR-1016-3            | 7.907 | 7.591 | 7.852 | 7.918 | 8.444 | 7.942 | E5 | 3.90 |
| 6) L1  | AR-1016-4            | 6.655 | 6.462 | 6.639 | 6.622 | 7.462 | 6.768 | E5 | 5.85 |
| 7) L1  | AR-1016-5            | 6.409 | 6.149 | 6.356 | 6.515 | 6.816 | 6.449 | E5 | 3.79 |
| 8) L2  | AR-1221-1            | 2.718 |       |       |       |       | 2.718 | E5 | 0.00 |
| 9) L2  | AR-1221-2            | 1.990 |       |       |       |       | 1.990 | E5 | 0.00 |
| 10) L2 | AR-1221-3            | 6.209 |       |       |       |       | 6.209 | E5 | 0.00 |
| 11) L3 | AR-1232-1            | 5.165 |       |       |       |       | 5.165 | E5 | 0.00 |
| 12) L3 | AR-1232-2            | 2.734 |       |       |       |       | 2.734 | E5 | 0.00 |
| 13) L3 | AR-1232-3            | 5.559 |       |       |       |       | 5.559 | E5 | 0.00 |
| 14) L3 | AR-1232-4            | 2.714 |       |       |       |       | 2.714 | E5 | 0.00 |
| 15) L3 | AR-1232-5            | 1.953 |       |       |       |       | 1.953 | E5 | 0.00 |
| 16) L4 | AR-1242-1            | 6.752 |       |       |       |       | 6.752 | E5 | 0.00 |
| 17) L4 | AR-1242-2            | 1.001 |       |       |       |       | 1.001 | E6 | 0.00 |
| 18) L4 | AR-1242-3            | 5.946 |       |       |       |       | 5.946 | E5 | 0.00 |
| 19) L4 | AR-1242-4            | 4.998 |       |       |       |       | 4.998 | E5 | 0.00 |
| 20) L4 | AR-1242-5            | 5.205 |       |       |       |       | 5.205 | E5 | 0.00 |
| 21) L5 | AR-1248-1            | 5.034 |       |       |       |       | 5.034 | E5 | 0.00 |
| 22) L5 | AR-1248-2            | 7.085 |       |       |       |       | 7.085 | E5 | 0.00 |
| 23) L5 | AR-1248-3            | 8.085 |       |       |       |       | 8.085 | E5 | 0.00 |
| 24) L5 | AR-1248-4            | 9.105 |       |       |       |       | 9.105 | E5 | 0.00 |
| 25) L5 | AR-1248-5            | 8.986 |       |       |       |       | 8.986 | E5 | 0.00 |
| 26) L6 | AR-1254-1            | 9.054 |       |       |       |       | 9.054 | E5 | 0.00 |
| 27) L6 | AR-1254-2            | 1.391 |       |       |       |       | 1.391 | E6 | 0.00 |
| 28) L6 | AR-1254-3            | 1.453 |       |       |       |       | 1.453 | E6 | 0.00 |
| 29) L6 | AR-1254-4            | 1.013 |       |       |       |       | 1.013 | E6 | 0.00 |
| 30) L6 | AR-1254-5            | 1.055 |       |       |       |       | 1.055 | E6 | 0.00 |
| 31) L7 | AR-1260-1            | 1.031 | 0.990 | 1.019 | 1.045 | 1.090 | 1.035 | E6 | 3.55 |
| 32) L7 | AR-1260-2            | 1.193 | 1.151 | 1.181 | 1.209 | 1.265 | 1.200 | E6 | 3.53 |
| 33) L7 | AR-1260-3            | 8.641 | 8.275 | 8.516 | 8.620 | 8.614 | 8.533 | E5 | 1.78 |
| 34) L7 | AR-1260-4            | 9.892 | 9.611 | 9.835 | 9.932 | 9.882 | 9.830 | E5 | 1.30 |
| 35) L7 | AR-1260-5            | 2.005 | 1.976 | 2.009 | 1.981 | 1.991 | 1.992 | E6 | 0.72 |
| 36) L8 | AR-1262-1            | 1.203 |       |       |       |       | 1.203 | E6 | 0.00 |
| 37) L8 | AR-1262-2            | 2.160 |       |       |       |       | 2.160 | E6 | 0.00 |
| 38) L8 | AR-1262-3            | 9.218 |       |       |       |       | 9.218 | E5 | 0.00 |
| 39) L8 | AR-1262-4            | 5.715 |       |       |       |       | 5.715 | E5 | 0.00 |
| 40) L8 | AR-1262-5            | 7.216 |       |       |       |       | 7.216 | E5 | 0.00 |
| 41) L9 | AR-1268-1            | 2.455 |       |       |       |       | 2.455 | E6 | 0.00 |
| 42) L9 | AR-1268-2            | 2.231 |       |       |       |       | 2.231 | E6 | 0.00 |
| 43) L9 | AR-1268-3            | 1.904 |       |       |       |       | 1.904 | E6 | 0.00 |
| 44) L9 | AR-1268-4            | 7.872 |       |       |       |       | 7.872 | E5 | 0.00 |
| 45) L9 | AR-1268-5            | 6.152 |       |       |       |       | 6.152 | E6 | 0.00 |

## Signal #2 Calibration Files

500 =PQ051674.D 1000 =PQ051672.D 750 =PQ051673.D  
 250 =PQ051675.D 50 =PQ051676.D

|       | Compound             | 500   | 1000  | 750   | 250   | 50    | Avg   |    | %RSD |
|-------|----------------------|-------|-------|-------|-------|-------|-------|----|------|
| 1) SA | Tetrachloro-m-xylene | 8.098 | 7.832 | 8.198 | 7.720 | 7.194 | 7.808 | E6 | 5.05 |
| 2) SA | Decachlorobiphenyl   | 5.535 | 5.348 | 5.532 | 5.495 | 5.506 | 5.483 | E6 | 1.41 |
| 3) L1 | AR-1016-1            | 2.648 | 2.546 | 2.660 | 2.653 | 2.790 | 2.659 | E5 | 3.27 |
| 4) L1 | AR-1016-2            | 3.798 | 3.572 | 3.795 | 3.725 | 3.736 | 3.725 | E5 | 2.46 |
| 5) L1 | AR-1016-3            | 1.931 | 1.856 | 1.940 | 1.952 | 1.906 | 1.917 | E5 | 1.97 |

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## Calibration Files

500 =PQ051674.D 1000 =PQ051672.D 750 =PQ051673.D  
 250 =PQ051675.D 50 =PQ051676.D

|     | Compound     | 500   | 1000  | 750   | 250   | 50    | Avg   |    | %RSD |
|-----|--------------|-------|-------|-------|-------|-------|-------|----|------|
| 6)  | L1 AR-1016-4 | 1.513 | 1.427 | 1.511 | 1.547 | 1.548 | 1.509 | E5 | 3.28 |
| 7)  | L1 AR-1016-5 | 1.963 | 1.857 | 1.959 | 1.972 | 1.883 | 1.927 | E5 | 2.75 |
| 8)  | L2 AR-1221-1 | 7.798 |       |       |       |       | 7.798 | E4 | 0.00 |
| 9)  | L2 AR-1221-2 | 5.727 |       |       |       |       | 5.727 | E4 | 0.00 |
| 10) | L2 AR-1221-3 | 1.852 |       |       |       |       | 1.852 | E5 | 0.00 |
| 11) | L3 AR-1232-1 | 1.514 |       |       |       |       | 1.514 | E5 | 0.00 |
| 12) | L3 AR-1232-2 | 1.542 |       |       |       |       | 1.542 | E5 | 0.00 |
| 13) | L3 AR-1232-3 | 7.949 |       |       |       |       | 7.949 | E4 | 0.00 |
| 14) | L3 AR-1232-4 | 6.723 |       |       |       |       | 6.723 | E4 | 0.00 |
| 15) | L3 AR-1232-5 | 7.284 |       |       |       |       | 7.284 | E4 | 0.00 |
| 16) | L4 AR-1242-1 | 2.002 |       |       |       |       | 2.002 | E5 | 0.00 |
| 17) | L4 AR-1242-2 | 2.785 |       |       |       |       | 2.785 | E5 | 0.00 |
| 18) | L4 AR-1242-3 | 1.444 |       |       |       |       | 1.444 | E5 | 0.00 |
| 19) | L4 AR-1242-4 | 1.372 |       |       |       |       | 1.372 | E5 | 0.00 |
| 20) | L4 AR-1242-5 | 1.748 |       |       |       |       | 1.748 | E5 | 0.00 |
| 21) | L5 AR-1248-1 | 1.459 |       |       |       |       | 1.459 | E5 | 0.00 |
| 22) | L5 AR-1248-2 | 1.980 |       |       |       |       | 1.980 | E5 | 0.00 |
| 23) | L5 AR-1248-3 | 2.043 |       |       |       |       | 2.043 | E5 | 0.00 |
| 24) | L5 AR-1248-4 | 2.448 |       |       |       |       | 2.448 | E5 | 0.00 |
| 25) | L5 AR-1248-5 | 2.415 |       |       |       |       | 2.415 | E5 | 0.00 |
| 26) | L6 AR-1254-1 | 3.806 |       |       |       |       | 3.806 | E5 | 0.00 |
| 27) | L6 AR-1254-2 | 3.231 |       |       |       |       | 3.231 | E5 | 0.00 |
| 28) | L6 AR-1254-3 | 5.334 |       |       |       |       | 5.334 | E5 | 0.00 |
| 29) | L6 AR-1254-4 | 3.202 |       |       |       |       | 3.202 | E5 | 0.00 |
| 30) | L6 AR-1254-5 | 4.492 |       |       |       |       | 4.492 | E5 | 0.00 |
| 31) | L7 AR-1260-1 | 3.528 | 3.343 | 3.509 | 3.451 | 3.544 | 3.475 | E5 | 2.35 |
| 32) | L7 AR-1260-2 | 4.329 | 4.103 | 4.292 | 4.259 | 4.318 | 4.260 | E5 | 2.16 |
| 33) | L7 AR-1260-3 | 4.031 | 3.856 | 4.028 | 3.940 | 4.042 | 3.979 | E5 | 2.02 |
| 34) | L7 AR-1260-4 | 3.301 | 3.151 | 3.277 | 3.214 | 3.356 | 3.260 | E5 | 2.44 |
| 35) | L7 AR-1260-5 | 8.003 | 7.729 | 8.023 | 7.738 | 7.668 | 7.832 | E5 | 2.14 |
| 36) | L8 AR-1262-1 | 2.315 |       |       |       |       | 2.315 | E5 | 0.00 |
| 37) | L8 AR-1262-2 | 8.218 |       |       |       |       | 8.218 | E5 | 0.00 |
| 38) | L8 AR-1262-3 | 2.988 |       |       |       |       | 2.988 | E5 | 0.00 |
| 39) | L8 AR-1262-4 | 5.732 |       |       |       |       | 5.732 | E5 | 0.00 |
| 40) | L8 AR-1262-5 | 2.483 |       |       |       |       | 2.483 | E5 | 0.00 |
| 41) | L9 AR-1268-1 | 9.112 |       |       |       |       | 9.112 | E5 | 0.00 |
| 42) | L9 AR-1268-2 | 8.309 |       |       |       |       | 8.309 | E5 | 0.00 |
| 43) | L9 AR-1268-3 | 6.961 |       |       |       |       | 6.961 | E5 | 0.00 |
| 44) | L9 AR-1268-4 | 2.762 |       |       |       |       | 2.762 | E5 | 0.00 |
| 45) | L9 AR-1268-5 | 2.095 |       |       |       |       | 2.095 | E6 | 0.00 |

(#) = Out of Range