

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\  
 Method File : P0061321.M  
 Title : GC EXTRACTABLES  
 Last Update : Mon Jun 14 05:33:30 2021  
 Response Via : Initial Calibration

## Calibration Files

500 =P0078716.D 1000 =P0078714.D 750 =P0078715.D  
 250 =P0078717.D 50 =P0078718.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 8.553 | 8.384 | 8.475 | 8.544 | 8.377 | 8.467 | E4   | 1.00 |
| 2) SA    | Decachlorobiphenyl   | 5.798 | 5.467 | 5.608 | 5.823 | 6.647 | 5.868 | E4   | 7.82 |
| 3) L1    | AR-1016-1            | 2.493 | 2.367 | 2.403 | 2.652 | 2.850 | 2.553 | E3   | 7.80 |
| 4) L1    | AR-1016-2            | 3.833 | 3.652 | 3.755 | 3.966 | 4.276 | 3.897 | E3   | 6.19 |
| 5) L1    | AR-1016-3            | 2.365 | 2.296 | 2.296 | 2.422 | 2.401 | 2.356 | E3   | 2.48 |
| 6) L1    | AR-1016-4            | 1.854 | 1.856 | 1.830 | 1.920 | 1.982 | 1.889 | E3   | 3.28 |
| 7) L1    | AR-1016-5            | 1.883 | 1.766 | 1.830 | 1.930 | 1.550 | 1.792 | E3   | 8.27 |
| 8) L2    | AR-1221-1            | 8.999 |       |       |       |       | 8.999 | E2   | 0.00 |
| 9) L2    | AR-1221-2            | 6.635 |       |       |       |       | 6.635 | E2   | 0.00 |
| 10) L2   | AR-1221-3            | 2.131 |       |       |       |       | 2.131 | E3   | 0.00 |
| 11) L3   | AR-1232-1            | 1.665 |       |       |       |       | 1.665 | E3   | 0.00 |
| 12) L3   | AR-1232-2            | 8.195 |       |       |       |       | 8.195 | E2   | 0.00 |
| 13) L3   | AR-1232-3            | 1.595 |       |       |       |       | 1.595 | E3   | 0.00 |
| 14) L3   | AR-1232-4            | 7.495 |       |       |       |       | 7.495 | E2   | 0.00 |
| 15) L3   | AR-1232-5            | 5.226 |       |       |       |       | 5.226 | E2   | 0.00 |
| 16) L4   | AR-1242-1            | 1.973 | 1.804 | 1.888 | 2.083 | 2.103 | 1.970 | E3   | 6.45 |
| 17) L4   | AR-1242-2            | 3.010 | 2.809 | 2.890 | 3.160 | 3.225 | 3.019 | E3   | 5.81 |
| 18) L4   | AR-1242-3            | 1.840 | 1.785 | 1.774 | 1.909 | 1.819 | 1.826 | E3   | 2.94 |
| 19) L4   | AR-1242-4            | 1.463 | 1.457 | 1.418 | 1.501 | 1.531 | 1.474 | E3   | 2.93 |
| 20) L4   | AR-1242-5            | 1.479 | 1.427 | 1.437 | 1.562 | 1.614 | 1.504 | E3   | 5.40 |
| 21) L5   | AR-1248-1            | 1.541 | 1.416 | 1.472 | 1.606 | 1.645 | 1.536 | E3   | 6.12 |
| 22) L5   | AR-1248-2            | 2.104 | 1.925 | 2.018 | 2.154 | 2.233 | 2.087 | E3   | 5.72 |
| 23) L5   | AR-1248-3            | 2.482 | 2.288 | 2.387 | 2.526 | 2.589 | 2.455 | E3   | 4.82 |
| 24) L5   | AR-1248-4            | 2.588 | 2.393 | 2.492 | 2.744 | 2.877 | 2.619 | E3   | 7.41 |
| 25) L5   | AR-1248-5            | 2.540 | 2.345 | 2.454 | 2.589 | 2.706 | 2.527 | E3   | 5.41 |
| 26) L6   | AR-1254-1            | 2.720 | 2.488 | 2.593 | 2.823 | 3.081 | 2.741 | E3   | 8.34 |
| 27) L6   | AR-1254-2            | 4.184 | 3.853 | 3.996 | 4.309 | 4.806 | 4.230 | E3   | 8.67 |
| 28) L6   | AR-1254-3            | 4.343 | 4.011 | 4.129 | 4.454 | 4.832 | 4.354 | E3   | 7.32 |
| 29) L6   | AR-1254-4            | 3.072 | 2.858 | 2.943 | 3.179 | 3.340 | 3.078 | E3   | 6.19 |
| 30) L6   | AR-1254-5            | 3.460 | 3.234 | 3.306 | 3.551 | 3.684 | 3.447 | E3   | 5.27 |
| 31) L7   | AR-1260-1            | 3.107 | 2.920 | 3.000 | 3.261 | 3.432 | 3.144 | E3   | 6.54 |
| 32) L7   | AR-1260-2            | 3.634 | 3.428 | 3.527 | 3.802 | 4.094 | 3.697 | E3   | 7.08 |
| 33) L7   | AR-1260-3            | 2.793 | 2.641 | 2.708 | 2.891 | 3.147 | 2.836 | E3   | 6.96 |
| 34) L7   | AR-1260-4            | 3.131 | 2.974 | 3.099 | 3.227 | 3.363 | 3.159 | E3   | 4.61 |
| 35) L7   | AR-1260-5            | 5.960 | 5.752 | 5.861 | 6.107 | 6.834 | 6.103 | E3   | 7.03 |
| 36) L8   | AR-1262-1            | 4.142 |       |       |       |       | 4.142 | E3   | 0.00 |
| 37) L8   | AR-1262-2            | 6.910 |       |       |       |       | 6.910 | E3   | 0.00 |
| 38) L8   | AR-1262-3            | 4.732 |       |       |       |       | 4.732 | E3   | 0.00 |
| 39) L8   | AR-1262-4            | 3.618 |       |       |       |       | 3.618 | E3   | 0.00 |
| 40) L8   | AR-1262-5            | 2.443 |       |       |       |       | 2.443 | E3   | 0.00 |
| 41) L9   | AR-1268-1            | 7.864 |       |       |       |       | 7.864 | E3   | 0.00 |
| 42) L9   | AR-1268-2            | 7.219 |       |       |       |       | 7.219 | E3   | 0.00 |
| 43) L9   | AR-1268-3            | 6.185 |       |       |       |       | 6.185 | E3   | 0.00 |
| 44) L9   | AR-1268-4            | 2.574 |       |       |       |       | 2.574 | E3   | 0.00 |
| 45) L9   | AR-1268-5            | 1.970 |       |       |       |       | 1.970 | E4   | 0.00 |

## Signal #2 Calibration Files

500 =P0078716.D 1000 =P0078714.D 750 =P0078715.D  
 250 =P0078717.D 50 =P0078718.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |       |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|-------|
| 1) SA    | Tetrachloro-m-xylene | 3.433 | 3.322 | 3.375 | 3.394 | 3.786 | 3.462 | E4   | 5.36  |
| 2) SA    | Decachlorobiphenyl   | 3.017 | 2.815 | 2.906 | 3.228 | 3.580 | 3.109 | E4   | 9.81  |
| 3) L1    | AR-1016-1            | 1.077 | 1.004 | 1.075 | 1.151 | 1.346 | 1.131 | E3   | 11.61 |
| 4) L1    | AR-1016-2            | 1.606 | 1.539 | 1.533 | 1.721 | 1.885 | 1.657 | E3   | 8.95  |
| 5) L1    | AR-1016-3            | 8.402 | 8.049 | 8.268 | 8.775 | 9.438 | 8.586 | E2   | 6.34  |

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500 =P0078716.D 1000 =P0078714.D 750 =P0078715.D  
 250 =P0078717.D 50 =P0078718.D

|     | Compound     | 500   | 1000  | 750   | 250   | 50    | Avg   |    | %RSD  |
|-----|--------------|-------|-------|-------|-------|-------|-------|----|-------|
| 6)  | L1 AR-1016-4 | 7.378 | 6.879 | 7.114 | 7.839 | 8.548 | 7.552 | E2 | 8.76  |
| 7)  | L1 AR-1016-5 | 0.887 | 0.844 | 0.858 | 0.942 | 1.025 | 0.911 | E3 | 8.09  |
| 8)  | L2 AR-1221-1 | 3.775 |       |       |       |       | 3.775 | E2 | 0.00  |
| 9)  | L2 AR-1221-2 | 2.867 |       |       |       |       | 2.867 | E2 | 0.00  |
| 10) | L2 AR-1221-3 | 9.046 |       |       |       |       | 9.046 | E2 | 0.00  |
| 11) | L3 AR-1232-1 | 7.182 |       |       |       |       | 7.182 | E2 | 0.00  |
| 12) | L3 AR-1232-2 | 7.043 |       |       |       |       | 7.043 | E2 | 0.00  |
| 13) | L3 AR-1232-3 | 3.495 |       |       |       |       | 3.495 | E2 | 0.00  |
| 14) | L3 AR-1232-4 | 3.258 |       |       |       |       | 3.258 | E2 | 0.00  |
| 15) | L3 AR-1232-5 | 3.510 |       |       |       |       | 3.510 | E2 | 0.00  |
| 16) | L4 AR-1242-1 | 0.851 | 0.773 | 0.811 | 0.904 | 1.035 | 0.875 | E3 | 11.63 |
| 17) | L4 AR-1242-2 | 1.268 | 1.166 | 1.220 | 1.355 | 1.456 | 1.293 | E3 | 8.86  |
| 18) | L4 AR-1242-3 | 6.692 | 6.190 | 6.507 | 6.927 | 7.625 | 6.788 | E2 | 7.95  |
| 19) | L4 AR-1242-4 | 6.824 | 6.219 | 6.533 | 7.227 | 8.099 | 6.981 | E2 | 10.42 |
| 20) | L4 AR-1242-5 | 0.875 | 0.789 | 0.838 | 0.920 | 1.051 | 0.895 | E3 | 11.14 |
| 21) | L5 AR-1248-1 | 6.770 | 6.159 | 6.483 | 6.787 | 7.656 | 6.771 | E2 | 8.23  |
| 22) | L5 AR-1248-2 | 1.005 | 0.897 | 0.944 | 1.010 | 1.187 | 1.009 | E3 | 10.90 |
| 23) | L5 AR-1248-3 | 0.988 | 0.887 | 0.935 | 1.006 | 1.174 | 0.998 | E3 | 10.89 |
| 24) | L5 AR-1248-4 | 1.186 | 1.072 | 1.126 | 1.203 | 1.327 | 1.183 | E3 | 8.09  |
| 25) | L5 AR-1248-5 | 1.127 | 1.025 | 1.076 | 1.112 | 1.173 | 1.102 | E3 | 5.04  |
| 26) | L6 AR-1254-1 | 1.740 | 1.566 | 1.647 | 1.826 | 2.055 | 1.767 | E3 | 10.67 |
| 27) | L6 AR-1254-2 | 1.579 | 1.417 | 1.490 | 1.693 | 1.922 | 1.620 | E3 | 12.19 |
| 28) | L6 AR-1254-3 | 2.374 | 2.166 | 2.267 | 2.475 | 2.874 | 2.431 | E3 | 11.25 |
| 29) | L6 AR-1254-4 | 1.472 | 1.335 | 1.407 | 1.541 | 1.732 | 1.497 | E3 | 10.12 |
| 30) | L6 AR-1254-5 | 2.283 | 2.102 | 2.190 | 2.363 | 2.540 | 2.296 | E3 | 7.31  |
| 31) | L7 AR-1260-1 | 1.614 | 1.509 | 1.557 | 1.746 | 1.976 | 1.680 | E3 | 11.16 |
| 32) | L7 AR-1260-2 | 1.949 | 1.825 | 1.873 | 2.105 | 2.325 | 2.015 | E3 | 10.07 |
| 33) | L7 AR-1260-3 | 1.827 | 1.721 | 1.763 | 1.989 | 2.453 | 1.951 | E3 | 15.32 |
| 34) | L7 AR-1260-4 | 1.540 | 1.464 | 1.492 | 1.668 | 1.825 | 1.598 | E3 | 9.32  |
| 35) | L7 AR-1260-5 | 3.583 | 3.458 | 3.500 | 3.713 | 4.141 | 3.679 | E3 | 7.50  |
| 36) | L8 AR-1262-1 | 1.190 |       |       |       |       | 1.190 | E3 | 0.00  |
| 37) | L8 AR-1262-2 | 3.951 |       |       |       |       | 3.951 | E3 | 0.00  |
| 38) | L8 AR-1262-3 | 1.653 |       |       |       |       | 1.653 | E3 | 0.00  |
| 39) | L8 AR-1262-4 | 3.045 |       |       |       |       | 3.045 | E3 | 0.00  |
| 40) | L8 AR-1262-5 | 1.425 |       |       |       |       | 1.425 | E3 | 0.00  |
| 41) | L9 AR-1268-1 | 4.399 |       |       |       |       | 4.399 | E3 | 0.00  |
| 42) | L9 AR-1268-2 | 3.973 |       |       |       |       | 3.973 | E3 | 0.00  |
| 43) | L9 AR-1268-3 | 3.440 |       |       |       |       | 3.440 | E3 | 0.00  |
| 44) | L9 AR-1268-4 | 1.469 |       |       |       |       | 1.469 | E3 | 0.00  |
| 45) | L9 AR-1268-5 | 1.036 |       |       |       |       | 1.036 | E4 | 0.00  |

(#) = Out of Range