

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\  
 Method File : PP011022.M  
 Title : GC EXTRACTABLES  
 Last Update : Tue Jan 11 02:10:47 2022  
 Response Via : Initial Calibration

## Calibration Files

500 =PP042780.D 1000 =PP042778.D 750 =PP042779.D  
 250 =PP042781.D 50 =PP042782.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg      | %RSD  |
|----------|----------------------|-------|-------|-------|-------|-------|----------|-------|
| 1) SA    | Tetrachloro-m-xylene | 2.616 | 2.457 | 2.533 | 2.570 | 2.528 | 2.541 E4 | 2.30  |
| 2) SA    | Decachlorobiphenyl   | 1.703 | 1.624 | 1.642 | 1.657 | 1.538 | 1.633 E4 | 3.72  |
| 3) L1    | AR-1016-1            | 8.273 | 7.488 | 7.879 | 8.790 | 9.358 | 8.358 E2 | 8.83  |
| 4) L1    | AR-1016-2            | 1.250 | 1.138 | 1.183 | 1.253 | 1.280 | 1.221 E3 | 4.80  |
| 5) L1    | AR-1016-3            | 7.614 | 6.794 | 7.110 | 7.634 | 7.347 | 7.300 E2 | 4.87  |
| 6) L1    | AR-1016-4            | 6.353 | 5.809 | 6.076 | 6.317 | 6.760 | 6.263 E2 | 5.64  |
| 7) L1    | AR-1016-5            | 6.473 | 5.819 | 6.009 | 6.307 | 6.248 | 6.171 E2 | 4.18  |
| 8) L2    | AR-1221-1            | 2.932 |       |       |       |       | 2.932 E2 | 0.00  |
| 9) L2    | AR-1221-2            | 2.478 |       |       |       |       | 2.478 E2 | 0.00  |
| 10) L2   | AR-1221-3            | 7.364 |       |       |       |       | 7.364 E2 | 0.00  |
| 11) L3   | AR-1232-1            | 5.539 |       |       |       |       | 5.539 E2 | 0.00  |
| 12) L3   | AR-1232-2            | 2.893 |       |       |       |       | 2.893 E2 | 0.00  |
| 13) L3   | AR-1232-3            | 4.986 |       |       |       |       | 4.986 E2 | 0.00  |
| 14) L3   | AR-1232-4            | 2.338 |       |       |       |       | 2.338 E2 | 0.00  |
| 15) L3   | AR-1232-5            | 1.685 |       |       |       |       | 1.685 E2 | 0.00  |
| 16) L4   | AR-1242-1            | 6.598 | 5.961 | 6.184 | 6.539 | 7.587 | 6.574 E2 | 9.49  |
| 17) L4   | AR-1242-2            | 0.970 | 0.877 | 0.911 | 0.976 | 1.011 | 0.949 E3 | 5.71  |
| 18) L4   | AR-1242-3            | 5.792 | 5.329 | 5.590 | 5.784 | 6.515 | 5.802 E2 | 7.60  |
| 19) L4   | AR-1242-4            | 4.933 | 4.456 | 4.684 | 4.835 | 4.354 | 4.652 E2 | 5.27  |
| 20) L4   | AR-1242-5            | 4.778 | 4.435 | 4.641 | 4.604 | 4.272 | 4.546 E2 | 4.31  |
| 21) L5   | AR-1248-1            | 4.766 | 4.555 | 4.658 | 4.787 | 5.208 | 4.795 E2 | 5.19  |
| 22) L5   | AR-1248-2            | 6.530 | 6.078 | 6.358 | 6.607 | 6.902 | 6.495 E2 | 4.69  |
| 23) L5   | AR-1248-3            | 8.002 | 7.377 | 7.580 | 7.993 | 8.210 | 7.832 E2 | 4.37  |
| 24) L5   | AR-1248-4            | 8.136 | 7.492 | 7.717 | 8.176 | 8.408 | 7.986 E2 | 4.66  |
| 25) L5   | AR-1248-5            | 7.797 | 7.358 | 7.480 | 7.902 | 8.029 | 7.713 E2 | 3.69  |
| 26) L6   | AR-1254-1            | 0.890 | 0.795 | 0.833 | 0.917 | 1.091 | 0.905 E3 | 12.61 |
| 27) L6   | AR-1254-2            | 1.314 | 1.188 | 1.246 | 1.373 | 1.397 | 1.304 E3 | 6.67  |
| 28) L6   | AR-1254-3            | 1.368 | 1.235 | 1.297 | 1.412 | 1.529 | 1.368 E3 | 8.22  |
| 29) L6   | AR-1254-4            | 0.950 | 0.857 | 0.881 | 0.977 | 1.070 | 0.947 E3 | 8.95  |
| 30) L6   | AR-1254-5            | 1.029 | 0.931 | 0.970 | 1.058 | 1.177 | 1.033 E3 | 9.17  |
| 31) L7   | AR-1260-1            | 0.970 | 0.868 | 0.918 | 1.012 | 1.078 | 0.969 E3 | 8.39  |
| 32) L7   | AR-1260-2            | 1.100 | 1.001 | 1.045 | 1.179 | 1.186 | 1.102 E3 | 7.36  |
| 33) L7   | AR-1260-3            | 8.340 | 7.656 | 7.991 | 8.793 | 9.819 | 8.520 E2 | 9.86  |
| 34) L7   | AR-1260-4            | 0.989 | 0.918 | 0.930 | 1.048 | 0.890 | 0.955 E3 | 6.61  |
| 35) L7   | AR-1260-5            | 1.831 | 1.737 | 1.750 | 1.879 | 2.117 | 1.863 E3 | 8.25  |
| 36) L8   | AR-1262-1            | 1.150 |       |       |       |       | 1.150 E3 | 0.00  |
| 37) L8   | AR-1262-2            | 1.969 |       |       |       |       | 1.969 E3 | 0.00  |
| 38) L8   | AR-1262-3            | 1.050 |       |       |       |       | 1.050 E3 | 0.00  |
| 39) L8   | AR-1262-4            | 6.533 |       |       |       |       | 6.533 E2 | 0.00  |
| 40) L8   | AR-1262-5            | 7.112 |       |       |       |       | 7.112 E2 | 0.00  |
| 41) L9   | AR-1268-1            | 2.210 |       |       |       |       | 2.210 E3 | 0.00  |
| 42) L9   | AR-1268-2            | 2.055 |       |       |       |       | 2.055 E3 | 0.00  |
| 43) L9   | AR-1268-3            | 1.790 |       |       |       |       | 1.790 E3 | 0.00  |
| 44) L9   | AR-1268-4            | 7.205 |       |       |       |       | 7.205 E2 | 0.00  |
| 45) L9   | AR-1268-5            | 5.895 |       |       |       |       | 5.895 E3 | 0.00  |

## Signal #2 Calibration Files

500 =PP042780.D 1000 =PP042778.D 750 =PP042779.D  
 250 =PP042781.D 50 =PP042782.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg      | %RSD |
|----------|----------------------|-------|-------|-------|-------|-------|----------|------|
| 1) SA    | Tetrachloro-m-xylene | 2.121 | 2.000 | 2.044 | 2.138 | 2.082 | 2.077 E4 | 2.72 |
| 2) SA    | Decachlorobiphenyl   | 1.819 | 1.630 | 1.733 | 1.968 | 1.974 | 1.825 E4 | 8.20 |
| 3) L1    | AR-1016-1            | 0.896 | 0.801 | 0.837 | 0.933 | 1.001 | 0.893 E3 | 8.84 |
| 4) L1    | AR-1016-2            | 1.261 | 1.161 | 1.203 | 1.300 | 1.385 | 1.262 E3 | 6.89 |
| 5) L1    | AR-1016-3            | 7.034 | 6.452 | 6.814 | 7.251 | 7.791 | 7.068 E2 | 7.08 |

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## Calibration Files

500 =PP042780.D 1000 =PP042778.D 750 =PP042779.D  
 250 =PP042781.D 50 =PP042782.D

|     | Compound     | 500   | 1000  | 750   | 250   | 50    | Avg      | %RSD  |
|-----|--------------|-------|-------|-------|-------|-------|----------|-------|
| 6)  | L1 AR-1016-4 | 5.696 | 5.110 | 5.414 | 5.969 | 6.786 | 5.795 E2 | 11.04 |
| 7)  | L1 AR-1016-5 | 7.156 | 6.450 | 6.735 | 6.909 | 7.541 | 6.958 E2 | 5.96  |
| 8)  | L2 AR-1221-1 | 2.692 |       |       |       |       | 2.692 E2 | 0.00  |
| 9)  | L2 AR-1221-2 | 2.160 |       |       |       |       | 2.160 E2 | 0.00  |
| 10) | L2 AR-1221-3 | 6.726 |       |       |       |       | 6.726 E2 | 0.00  |
| 11) | L3 AR-1232-1 | 5.600 |       |       |       |       | 5.600 E2 | 0.00  |
| 12) | L3 AR-1232-2 | 5.234 |       |       |       |       | 5.234 E2 | 0.00  |
| 13) | L3 AR-1232-3 | 2.836 |       |       |       |       | 2.836 E2 | 0.00  |
| 14) | L3 AR-1232-4 | 2.687 |       |       |       |       | 2.687 E2 | 0.00  |
| 15) | L3 AR-1232-5 | 2.787 |       |       |       |       | 2.787 E2 | 0.00  |
| 16) | L4 AR-1242-1 | 8.352 | 7.439 | 7.789 | 8.508 | 9.051 | 8.228 E2 | 7.65  |
| 17) | L4 AR-1242-2 | 1.152 | 1.044 | 1.089 | 1.179 | 1.208 | 1.134 E3 | 5.92  |
| 18) | L4 AR-1242-3 | 6.580 | 5.946 | 6.212 | 6.740 | 8.166 | 6.729 E2 | 12.80 |
| 19) | L4 AR-1242-4 | 6.443 | 5.552 | 5.868 | 6.505 | 7.890 | 6.452 E2 | 13.91 |
| 20) | L4 AR-1242-5 | 7.430 | 6.698 | 7.011 | 7.771 | 7.857 | 7.353 E2 | 6.74  |
| 21) | L5 AR-1248-1 | 5.914 | 5.445 | 5.766 | 6.137 | 7.035 | 6.059 E2 | 9.91  |
| 22) | L5 AR-1248-2 | 0.840 | 0.752 | 0.794 | 0.889 | 1.004 | 0.856 E3 | 11.37 |
| 23) | L5 AR-1248-3 | 0.880 | 0.792 | 0.838 | 0.931 | 1.035 | 0.895 E3 | 10.47 |
| 24) | L5 AR-1248-4 | 1.004 | 0.914 | 0.954 | 1.035 | 1.022 | 0.986 E3 | 5.15  |
| 25) | L5 AR-1248-5 | 1.001 | 0.909 | 0.946 | 1.037 | 1.072 | 0.993 E3 | 6.67  |
| 26) | L6 AR-1254-1 | 1.513 | 1.360 | 1.412 | 1.601 | 1.710 | 1.519 E3 | 9.32  |
| 27) | L6 AR-1254-2 | 1.324 | 1.179 | 1.216 | 1.397 | 1.553 | 1.334 E3 | 11.26 |
| 28) | L6 AR-1254-3 | 2.094 | 1.889 | 1.964 | 2.212 | 2.504 | 2.133 E3 | 11.33 |
| 29) | L6 AR-1254-4 | 1.251 | 1.125 | 1.165 | 1.307 | 1.365 | 1.243 E3 | 7.93  |
| 30) | L6 AR-1254-5 | 1.702 | 1.550 | 1.601 | 1.765 | 1.810 | 1.686 E3 | 6.48  |
| 31) | L7 AR-1260-1 | 1.129 | 0.999 | 1.052 | 1.201 | 1.255 | 1.127 E3 | 9.29  |
| 32) | L7 AR-1260-2 | 1.281 | 1.144 | 1.207 | 1.393 | 1.614 | 1.328 E3 | 13.94 |
| 33) | L7 AR-1260-3 | 1.208 | 1.087 | 1.138 | 1.277 | 1.309 | 1.204 E3 | 7.69  |
| 34) | L7 AR-1260-4 | 0.983 | 0.881 | 0.933 | 1.064 | 1.033 | 0.979 E3 | 7.55  |
| 35) | L7 AR-1260-5 | 2.171 | 1.998 | 2.094 | 2.292 | 2.226 | 2.156 E3 | 5.30  |
| 36) | L8 AR-1262-1 | 8.935 |       |       |       |       | 8.935 E2 | 0.00  |
| 37) | L8 AR-1262-2 | 1.428 |       |       |       |       | 1.428 E3 | 0.00  |
| 38) | L8 AR-1262-3 | 1.081 |       |       |       |       | 1.081 E3 | 0.00  |
| 39) | L8 AR-1262-4 | 1.974 |       |       |       |       | 1.974 E3 | 0.00  |
| 40) | L8 AR-1262-5 | 9.129 |       |       |       |       | 9.129 E2 | 0.00  |
| 41) | L9 AR-1268-1 | 2.942 |       |       |       |       | 2.942 E3 | 0.00  |
| 42) | L9 AR-1268-2 | 2.730 |       |       |       |       | 2.730 E3 | 0.00  |
| 43) | L9 AR-1268-3 | 2.247 |       |       |       |       | 2.247 E3 | 0.00  |
| 44) | L9 AR-1268-4 | 1.012 |       |       |       |       | 1.012 E3 | 0.00  |
| 45) | L9 AR-1268-5 | 6.655 |       |       |       |       | 6.655 E3 | 0.00  |

(#) = Out of Range