

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\  
 Method File : PR010220CLP.M  
 Title : GC EXTRACTABLES  
 Last Update : Fri Jan 03 05:25:00 2020  
 Response Via : Initial Calibration

## Calibration Files

400 =PR044204.D 1600 =PR044206.D 800 =PR044205.D  
 200 =PR044203.D 100 =PR044202.D

| Compound |                      | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD |       |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|-------|
| 1) SA    | Tetrachloro-m-xylene | 4.114 | 3.599 | 3.239 | 3.978 | 3.696 | 3.725 | E6   | 9.19  |
| 2) SA    | Decachlorobiphenyl   | 5.354 | 5.020 | 5.013 | 5.407 | 5.604 | 5.279 | E6   | 4.88  |
| 3) L1    | AR-1016-1            | 1.709 | 1.466 | 1.369 | 1.757 | 1.688 | 1.598 | E5   | 10.65 |
| 4) L1    | AR-1016-2            | 2.430 | 2.080 | 1.962 | 2.461 | 2.375 | 2.262 | E5   | 9.97  |
| 5) L1    | AR-1016-3            | 1.483 | 1.242 | 1.188 | 1.518 | 1.467 | 1.380 | E5   | 11.08 |
| 6) L1    | AR-1016-4            | 1.225 | 1.044 | 0.990 | 1.240 | 1.181 | 1.136 | E5   | 9.87  |
| 7) L1    | AR-1016-5            | 1.224 | 1.030 | 1.002 | 1.245 | 1.216 | 1.143 | E5   | 10.24 |
| 8) L2    | AR-1221-1            | 4.668 | 4.227 | 4.509 | 5.139 | 5.478 | 4.804 | E4   | 10.43 |
| 9) L2    | AR-1221-2            | 3.296 | 2.944 | 3.161 | 3.642 | 4.018 | 3.412 | E4   | 12.39 |
| 10) L2   | AR-1221-3            | 1.125 | 1.008 | 1.080 | 1.247 | 1.315 | 1.155 | E5   | 10.80 |
| 11) L3   | AR-1232-1            | 0.904 | 0.955 | 1.006 | 0.746 | 1.050 | 0.932 | E5   | 12.63 |
| 12) L3   | AR-1232-2            | 4.850 | 4.997 | 5.366 | 3.981 | 5.507 | 4.940 | E4   | 12.12 |
| 13) L3   | AR-1232-3            | 1.025 | 1.073 | 1.113 | 0.839 | 1.146 | 1.039 | E5   | 11.61 |
| 14) L3   | AR-1232-4            | 5.174 | 5.287 | 5.565 | 4.215 | 5.752 | 5.199 | E4   | 11.45 |
| 15) L3   | AR-1232-5            | 3.922 | 3.872 | 4.164 | 3.241 | 4.066 | 3.853 | E4   | 9.38  |
| 16) L4   | AR-1242-1            |       |       |       |       | 1.757 | 1.757 | E5   | 0.00  |
| 17) L4   | AR-1242-2            |       |       |       |       | 2.420 | 2.420 | E5   | 0.00  |
| 18) L4   | AR-1242-3            |       |       |       |       | 1.509 | 1.509 | E5   | 0.00  |
| 19) L4   | AR-1242-4            |       |       |       |       | 1.213 | 1.213 | E5   | 0.00  |
| 20) L4   | AR-1242-5            |       |       |       |       | 1.402 | 1.402 | E5   | 0.00  |
| 21) L5   | AR-1248-1            | 9.105 | 7.399 | 8.071 | 9.321 | 9.731 | 8.726 | E4   | 11.02 |
| 22) L5   | AR-1248-2            | 1.278 | 1.022 | 1.110 | 1.300 | 1.351 | 1.212 | E5   | 11.52 |
| 23) L5   | AR-1248-3            | 1.436 | 1.176 | 1.260 | 1.447 | 1.507 | 1.365 | E5   | 10.27 |
| 24) L5   | AR-1248-4            | 1.752 | 1.452 | 1.544 | 1.765 | 1.841 | 1.671 | E5   | 9.85  |
| 25) L5   | AR-1248-5            | 1.666 | 1.382 | 1.472 | 1.677 | 1.751 | 1.590 | E5   | 9.77  |
| 26) L6   | AR-1254-1            |       |       |       |       | 1.782 | 1.782 | E5   | 0.00  |
| 27) L6   | AR-1254-2            |       |       |       |       | 2.849 | 2.849 | E5   | 0.00  |
| 28) L6   | AR-1254-3            |       |       |       |       | 3.086 | 3.086 | E5   | 0.00  |
| 29) L6   | AR-1254-4            |       |       |       |       | 2.446 | 2.446 | E5   | 0.00  |
| 30) L6   | AR-1254-5            |       |       |       |       | 2.709 | 2.709 | E5   | 0.00  |
| 31) L7   | AR-1260-1            | 2.425 | 2.114 | 2.063 | 2.419 | 2.496 | 2.303 | E5   | 8.64  |
| 32) L7   | AR-1260-2            | 3.045 | 2.677 | 2.618 | 3.009 | 3.174 | 2.905 | E5   | 8.38  |
| 33) L7   | AR-1260-3            | 2.351 | 2.087 | 2.044 | 2.319 | 2.393 | 2.239 | E5   | 7.20  |
| 34) L7   | AR-1260-4            | 2.812 | 2.534 | 2.480 | 2.722 | 2.775 | 2.665 | E5   | 5.58  |
| 35) L7   | AR-1260-5            | 6.130 | 5.818 | 5.596 | 5.839 | 5.906 | 5.858 | E5   | 3.27  |
| 36) L8   | AR-1262-1            | 1.260 | 1.027 | 1.168 | 1.205 | 1.323 | 1.197 | E5   | 9.30  |
| 37) L8   | AR-1262-2            | 6.306 | 5.614 | 6.146 | 5.989 | 6.471 | 6.105 | E5   | 5.37  |
| 38) L8   | AR-1262-3            | 4.315 | 3.726 | 4.119 | 4.225 | 4.684 | 4.214 | E5   | 8.20  |
| 39) L8   | AR-1262-4            | 3.246 | 2.780 | 3.085 | 3.209 | 3.510 | 3.166 | E5   | 8.38  |
| 40) L8   | AR-1262-5            | 2.533 | 2.232 | 2.441 | 2.540 | 2.744 | 2.498 | E5   | 7.41  |
| 41) L9   | AR-1268-1            | 7.785 | 7.582 | 7.424 | 7.792 | 7.712 | 7.659 | E5   | 2.04  |
| 42) L9   | AR-1268-2            | 7.346 | 7.123 | 6.949 | 7.282 | 7.182 | 7.176 | E5   | 2.14  |
| 43) L9   | AR-1268-3            | 6.140 | 5.976 | 5.825 | 6.100 | 6.052 | 6.019 | E5   | 2.06  |
| 44) L9   | AR-1268-4            | 2.925 | 2.761 | 2.750 | 2.983 | 2.985 | 2.881 | E5   | 4.07  |
| 45) L9   | AR-1268-5            | 2.338 | 2.315 | 2.274 | 2.300 | 2.262 | 2.298 | E6   | 1.34  |

## Signal #2 Calibration Files

400 =PR044204.D 1600 =PR044206.D 800 =PR044205.D  
 200 =PR044203.D 100 =PR044202.D

| Compound |                      | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD |       |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|-------|
| 1) SA    | Tetrachloro-m-xylene | 1.022 | 0.846 | 0.795 | 1.028 | 0.954 | 0.929 | E7   | 11.28 |
| 2) SA    | Decachlorobiphenyl   | 1.117 | 1.057 | 1.054 | 1.110 | 1.144 | 1.096 | E7   | 3.59  |
| 3) L1    | AR-1016-1            | 3.378 | 2.629 | 2.636 | 3.553 | 3.706 | 3.180 | E5   | 16.14 |
| 4) L1    | AR-1016-2            | 4.576 | 3.664 | 3.609 | 4.786 | 4.597 | 4.246 | E5   | 13.26 |
| 5) L1    | AR-1016-3            | 2.286 | 1.812 | 1.813 | 2.364 | 2.334 | 2.122 | E5   | 13.38 |

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## Calibration Files

400 =PR044204.D 1600 =PR044206.D 800 =PR044205.D  
 200 =PR044203.D 100 =PR044202.D

| Compound |    |           | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD |       |
|----------|----|-----------|-------|-------|-------|-------|-------|-------|------|-------|
| 6)       | L1 | AR-1016-4 | 1.741 | 1.350 | 1.371 | 1.818 | 1.852 | 1.626 | E5   | 15.13 |
| 7)       | L1 | AR-1016-5 | 2.384 | 1.930 | 1.921 | 2.448 | 2.356 | 2.208 | E5   | 11.79 |
| 8)       | L2 | AR-1221-1 | 1.196 | 1.050 | 1.140 | 1.341 | 1.432 | 1.232 | E5   | 12.50 |
| 9)       | L2 | AR-1221-2 | 0.878 | 0.740 | 0.814 | 0.957 | 1.002 | 0.878 | E5   | 12.08 |
| 10)      | L2 | AR-1221-3 | 2.874 | 2.467 | 2.704 | 3.189 | 3.451 | 2.937 | E5   | 13.27 |
| 11)      | L3 | AR-1232-1 | 2.313 | 2.327 | 2.520 | 1.943 | 2.770 | 2.374 | E5   | 12.81 |
| 12)      | L3 | AR-1232-2 | 2.003 | 1.966 | 2.106 | 1.690 | 2.322 | 2.017 | E5   | 11.37 |
| 13)      | L3 | AR-1232-3 | 0.986 | 0.955 | 1.033 | 0.792 | 1.112 | 0.975 | E5   | 12.12 |
| 14)      | L3 | AR-1232-4 | 8.040 | 7.761 | 8.453 | 6.567 | 9.415 | 8.047 | E4   | 12.90 |
| 15)      | L3 | AR-1232-5 | 0.908 | 0.905 | 0.983 | 0.775 | 1.002 | 0.915 | E5   | 9.81  |
| 16)      | L4 | AR-1242-1 |       |       |       |       | 3.616 | 3.616 | E5   | 0.00  |
| 17)      | L4 | AR-1242-2 |       |       |       |       | 4.851 | 4.851 | E5   | 0.00  |
| 18)      | L4 | AR-1242-3 |       |       |       |       | 2.318 | 2.318 | E5   | 0.00  |
| 19)      | L4 | AR-1242-4 |       |       |       |       | 2.079 | 2.079 | E5   | 0.00  |
| 20)      | L4 | AR-1242-5 |       |       |       |       | 3.515 | 3.515 | E5   | 0.00  |
| 21)      | L5 | AR-1248-1 | 1.838 | 1.394 | 1.561 | 1.878 | 2.001 | 1.734 | E5   | 14.38 |
| 22)      | L5 | AR-1248-2 | 2.010 | 1.535 | 1.726 | 2.114 | 2.251 | 1.927 | E5   | 15.15 |
| 23)      | L5 | AR-1248-3 | 2.052 | 1.584 | 1.770 | 2.129 | 2.246 | 1.956 | E5   | 13.91 |
| 24)      | L5 | AR-1248-4 | 2.639 | 2.103 | 2.297 | 2.726 | 2.856 | 2.524 | E5   | 12.41 |
| 25)      | L5 | AR-1248-5 | 3.189 | 2.584 | 2.791 | 3.442 | 3.873 | 3.176 | E5   | 16.17 |
| 26)      | L6 | AR-1254-1 |       |       |       |       | 4.779 | 4.779 | E5   | 0.00  |
| 27)      | L6 | AR-1254-2 |       |       |       |       | 4.494 | 4.494 | E5   | 0.00  |
| 28)      | L6 | AR-1254-3 |       |       |       |       | 7.744 | 7.744 | E5   | 0.00  |
| 29)      | L6 | AR-1254-4 |       |       |       |       | 5.984 | 5.984 | E5   | 0.00  |
| 30)      | L6 | AR-1254-5 |       |       |       |       | 6.878 | 6.878 | E5   | 0.00  |
| 31)      | L7 | AR-1260-1 | 5.500 | 4.676 | 4.690 | 5.541 | 6.198 | 5.321 | E5   | 12.12 |
| 32)      | L7 | AR-1260-2 | 8.322 | 7.203 | 7.163 | 8.119 | 9.092 | 7.980 | E5   | 10.19 |
| 33)      | L7 | AR-1260-3 | 6.771 | 5.891 | 5.859 | 6.585 | 6.694 | 6.360 | E5   | 7.04  |
| 34)      | L7 | AR-1260-4 | 5.997 | 5.331 | 5.299 | 5.853 | 6.435 | 5.783 | E5   | 8.27  |
| 35)      | L7 | AR-1260-5 | 1.830 | 1.661 | 1.648 | 1.758 | 1.788 | 1.737 | E6   | 4.59  |
| 36)      | L8 | AR-1262-1 | 3.923 | 3.217 | 3.674 | 3.544 | 4.098 | 3.691 | E5   | 9.25  |
| 37)      | L8 | AR-1262-2 | 1.796 | 1.551 | 1.728 | 1.699 | 1.825 | 1.720 | E6   | 6.23  |
| 38)      | L8 | AR-1262-3 | 7.408 | 6.421 | 7.128 | 7.110 | 7.674 | 7.148 | E5   | 6.54  |
| 39)      | L8 | AR-1262-4 | 1.242 | 1.089 | 1.204 | 1.190 | 1.285 | 1.202 | E6   | 6.11  |
| 40)      | L8 | AR-1262-5 | 6.202 | 5.673 | 6.164 | 6.009 | 6.381 | 6.086 | E5   | 4.37  |
| 41)      | L9 | AR-1268-1 | 2.234 | 2.099 | 2.093 | 2.210 | 2.142 | 2.155 | E6   | 2.96  |
| 42)      | L9 | AR-1268-2 | 1.931 | 1.825 | 1.816 | 1.905 | 1.843 | 1.864 | E6   | 2.73  |
| 43)      | L9 | AR-1268-3 | 1.644 | 1.569 | 1.557 | 1.618 | 1.564 | 1.590 | E6   | 2.42  |
| 44)      | L9 | AR-1268-4 | 7.249 | 6.958 | 6.929 | 7.241 | 7.055 | 7.086 | E5   | 2.15  |
| 45)      | L9 | AR-1268-5 | 5.218 | 4.962 | 5.020 | 5.210 | 5.106 | 5.103 | E6   | 2.23  |

(#) = Out of Range