

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\  
 Method File : PP030421.M  
 Title : GC EXTRACTABLES  
 Last Update : Fri Mar 05 04:37:34 2021  
 Response Via : Initial Calibration

## Calibration Files

500 =PP033646.D 1000 =PP033644.D 750 =PP033645.D  
 250 =PP033647.D 50 =PP033648.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD     |
|----------|----------------------|-------|-------|-------|-------|-------|-------|----------|
| 1) SA    | Tetrachloro-m-xylene | 1.152 | 1.129 | 1.145 | 1.154 | 1.164 | 1.149 | E5 1.12  |
| 2) SA    | Decachlorobiphenyl   | 9.177 | 8.854 | 9.077 | 9.305 | 8.832 | 9.049 | E4 2.26  |
| 3) L1    | AR-1016-1            | 3.227 | 3.082 | 3.181 | 3.434 | 3.691 | 3.323 | E3 7.30  |
| 4) L1    | AR-1016-2            | 4.943 | 4.690 | 4.803 | 5.057 | 5.371 | 4.973 | E3 5.27  |
| 5) L1    | AR-1016-3            | 3.002 | 2.812 | 2.904 | 3.127 | 3.329 | 3.035 | E3 6.65  |
| 6) L1    | AR-1016-4            | 2.480 | 2.358 | 2.424 | 2.573 | 2.705 | 2.508 | E3 5.39  |
| 7) L1    | AR-1016-5            | 2.461 | 2.300 | 2.386 | 2.570 | 2.641 | 2.472 | E3 5.56  |
| 8) L2    | AR-1221-1            | 2.320 |       |       |       |       | 2.320 | E3 0.00  |
| 9) L2    | AR-1221-2            | 1.745 |       |       |       |       | 1.745 | E3 0.00  |
| 10) L2   | AR-1221-3            | 5.221 |       |       |       |       | 5.221 | E3 0.00  |
| 11) L3   | AR-1232-1            | 4.181 |       |       |       |       | 4.181 | E3 0.00  |
| 12) L3   | AR-1232-2            | 2.221 |       |       |       |       | 2.221 | E3 0.00  |
| 13) L3   | AR-1232-3            | 3.958 |       |       |       |       | 3.958 | E3 0.00  |
| 14) L3   | AR-1232-4            | 2.004 |       |       |       |       | 2.004 | E3 0.00  |
| 15) L3   | AR-1232-5            | 1.351 |       |       |       |       | 1.351 | E3 0.00  |
| 16) L4   | AR-1242-1            | 2.506 | 2.357 | 2.415 | 2.648 | 2.960 | 2.577 | E3 9.34  |
| 17) L4   | AR-1242-2            | 3.688 | 3.532 | 3.614 | 3.863 | 4.362 | 3.812 | E3 8.68  |
| 18) L4   | AR-1242-3            | 2.299 | 2.159 | 2.225 | 2.396 | 2.729 | 2.362 | E3 9.46  |
| 19) L4   | AR-1242-4            | 1.912 | 1.817 | 1.864 | 1.970 | 2.074 | 1.927 | E3 5.16  |
| 20) L4   | AR-1242-5            | 1.856 | 1.819 | 1.860 | 1.947 | 2.111 | 1.919 | E3 6.11  |
| 21) L5   | AR-1248-1            | 1.892 | 1.754 | 1.815 | 1.981 | 2.158 | 1.920 | E3 8.24  |
| 22) L5   | AR-1248-2            | 2.593 | 2.410 | 2.474 | 2.746 | 3.294 | 2.704 | E3 13.09 |
| 23) L5   | AR-1248-3            | 3.127 | 2.940 | 3.017 | 3.270 | 3.599 | 3.191 | E3 8.14  |
| 24) L5   | AR-1248-4            | 3.191 | 3.032 | 3.094 | 3.316 | 3.634 | 3.253 | E3 7.33  |
| 25) L5   | AR-1248-5            | 3.220 | 3.076 | 3.131 | 3.292 | 3.477 | 3.239 | E3 4.83  |
| 26) L6   | AR-1254-1            | 3.423 | 3.201 | 3.281 | 3.583 | 3.906 | 3.479 | E3 8.04  |
| 27) L6   | AR-1254-2            | 5.206 | 4.904 | 5.006 | 5.405 | 5.796 | 5.263 | E3 6.73  |
| 28) L6   | AR-1254-3            | 5.557 | 5.347 | 5.393 | 5.670 | 5.938 | 5.581 | E3 4.26  |
| 29) L6   | AR-1254-4            | 3.728 | 3.568 | 3.613 | 3.871 | 4.403 | 3.837 | E3 8.80  |
| 30) L6   | AR-1254-5            | 4.268 | 4.176 | 4.204 | 4.306 | 4.009 | 4.192 | E3 2.74  |
| 31) L7   | AR-1260-1            | 4.119 | 3.904 | 4.030 | 4.159 | 4.467 | 4.136 | E3 5.07  |
| 32) L7   | AR-1260-2            | 4.756 | 4.523 | 4.645 | 4.905 | 4.966 | 4.759 | E3 3.83  |
| 33) L7   | AR-1260-3            | 3.829 | 3.665 | 3.774 | 3.923 | 3.899 | 3.818 | E3 2.72  |
| 34) L7   | AR-1260-4            | 4.388 | 4.246 | 4.358 | 4.510 | 4.618 | 4.424 | E3 3.24  |
| 35) L7   | AR-1260-5            | 8.556 | 8.463 | 8.577 | 8.594 | 8.267 | 8.491 | E3 1.59  |
| 36) L8   | AR-1262-1            | 5.327 | 5.164 | 5.229 | 5.490 | 5.828 | 5.407 | E3 4.90  |
| 37) L8   | AR-1262-2            | 9.157 | 9.182 | 9.209 | 9.218 | 9.417 | 9.237 | E3 1.12  |
| 38) L8   | AR-1262-3            | 6.530 | 6.405 | 6.476 | 6.704 | 6.723 | 6.567 | E3 2.14  |
| 39) L8   | AR-1262-4            | 5.587 | 5.287 | 5.432 | 5.578 | 5.754 | 5.527 | E3 3.19  |
| 40) L8   | AR-1262-5            | 3.350 | 3.284 | 3.308 | 3.332 | 3.334 | 3.321 | E3 0.78  |
| 41) L9   | AR-1268-1            | 1.171 | 1.131 | 1.156 | 1.167 | 1.199 | 1.165 | E4 2.10  |
| 42) L9   | AR-1268-2            | 1.164 | 1.168 | 1.161 | 1.149 | 1.156 | 1.160 | E4 0.63  |
| 43) L9   | AR-1268-3            | 1.015 | 0.994 | 1.002 | 1.006 | 1.016 | 1.006 | E4 0.89  |
| 44) L9   | AR-1268-4            | 3.587 | 3.483 | 3.563 | 3.616 | 3.535 | 3.557 | E3 1.43  |
| 45) L9   | AR-1268-5            | 3.308 | 3.251 | 3.293 | 3.221 | 3.131 | 3.241 | E4 2.17  |

## Signal #2 Calibration Files

500 =PP033646.D 1000 =PP033644.D 750 =PP033645.D  
 250 =PP033647.D 50 =PP033648.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD    |
|----------|----------------------|-------|-------|-------|-------|-------|-------|---------|
| 1) SA    | Tetrachloro-m-xylene | 3.951 | 3.731 | 3.835 | 4.112 | 4.277 | 3.981 | E4 5.47 |
| 2) SA    | Decachlorobiphenyl   | 2.337 | 2.193 | 2.263 | 2.374 | 2.513 | 2.336 | E4 5.18 |
| 3) L1    | AR-1016-1            | 1.066 | 0.967 | 1.010 | 1.148 | 1.172 | 1.072 | E3 8.15 |
| 4) L1    | AR-1016-2            | 1.530 | 1.403 | 1.475 | 1.651 | 1.682 | 1.548 | E3 7.59 |
| 5) L1    | AR-1016-3            | 8.482 | 7.715 | 8.095 | 8.880 | 8.155 | 8.265 | E2 5.30 |
| 6) L1    | AR-1016-4            | 6.717 | 6.035 | 6.381 | 7.075 | 6.294 | 6.500 | E2 6.21 |

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## Calibration Files

500 =PP033646.D 1000 =PP033644.D 750 =PP033645.D  
 250 =PP033647.D 50 =PP033648.D

| Compound |    |           | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |       |
|----------|----|-----------|-------|-------|-------|-------|-------|-------|------|-------|
| 7)       | L1 | AR-1016-5 | 8.584 | 7.751 | 8.121 | 9.042 | 8.709 | 8.441 | E2   | 6.02  |
| 8)       | L2 | AR-1221-1 | 8.280 |       |       |       |       | 8.280 | E2   | 0.00  |
| 9)       | L2 | AR-1221-2 | 6.284 |       |       |       |       | 6.284 | E2   | 0.00  |
| 10)      | L2 | AR-1221-3 | 1.846 |       |       |       |       | 1.846 | E3   | 0.00  |
| 11)      | L3 | AR-1232-1 | 1.504 |       |       |       |       | 1.504 | E3   | 0.00  |
| 12)      | L3 | AR-1232-2 | 1.287 |       |       |       |       | 1.287 | E3   | 0.00  |
| 13)      | L3 | AR-1232-3 | 7.000 |       |       |       |       | 7.000 | E2   | 0.00  |
| 14)      | L3 | AR-1232-4 | 6.113 |       |       |       |       | 6.113 | E2   | 0.00  |
| 15)      | L3 | AR-1232-5 | 6.547 |       |       |       |       | 6.547 | E2   | 0.00  |
| 16)      | L4 | AR-1242-1 | 8.471 | 7.710 | 8.028 | 9.082 | 9.861 | 8.630 | E2   | 9.96  |
| 17)      | L4 | AR-1242-2 | 1.205 | 1.114 | 1.147 | 1.287 | 1.388 | 1.228 | E3   | 9.03  |
| 18)      | L4 | AR-1242-3 | 6.735 | 6.229 | 6.431 | 6.926 | 7.145 | 6.693 | E2   | 5.51  |
| 19)      | L4 | AR-1242-4 | 6.576 | 6.016 | 6.250 | 6.830 | 5.853 | 6.305 | E2   | 6.35  |
| 20)      | L4 | AR-1242-5 | 7.198 | 6.620 | 6.875 | 7.535 | 7.455 | 7.137 | E2   | 5.42  |
| 21)      | L5 | AR-1248-1 | 6.559 | 5.838 | 6.017 | 6.872 | 7.008 | 6.459 | E2   | 7.98  |
| 22)      | L5 | AR-1248-2 | 0.908 | 0.816 | 0.850 | 0.968 | 1.012 | 0.911 | E3   | 8.86  |
| 23)      | L5 | AR-1248-3 | 0.971 | 0.878 | 0.913 | 1.029 | 1.069 | 0.972 | E3   | 8.10  |
| 24)      | L5 | AR-1248-4 | 1.119 | 1.019 | 1.053 | 1.186 | 1.221 | 1.120 | E3   | 7.64  |
| 25)      | L5 | AR-1248-5 | 0.968 | 0.901 | 0.929 | 1.017 | 1.064 | 0.976 | E3   | 6.73  |
| 26)      | L6 | AR-1254-1 | 1.563 | 1.419 | 1.475 | 1.670 | 1.741 | 1.574 | E3   | 8.47  |
| 27)      | L6 | AR-1254-2 | 1.352 | 1.229 | 1.278 | 1.452 | 1.540 | 1.370 | E3   | 9.26  |
| 28)      | L6 | AR-1254-3 | 2.140 | 1.965 | 2.028 | 2.232 | 2.355 | 2.144 | E3   | 7.30  |
| 29)      | L6 | AR-1254-4 | 1.131 | 1.046 | 1.077 | 1.165 | 1.106 | 1.105 | E3   | 4.18  |
| 30)      | L6 | AR-1254-5 | 1.720 | 1.608 | 1.641 | 1.785 | 1.813 | 1.713 | E3   | 5.17  |
| 31)      | L7 | AR-1260-1 | 1.333 | 1.212 | 1.274 | 1.430 | 1.522 | 1.354 | E3   | 9.12  |
| 32)      | L7 | AR-1260-2 | 1.506 | 1.398 | 1.463 | 1.590 | 1.781 | 1.548 | E3   | 9.56  |
| 33)      | L7 | AR-1260-3 | 1.453 | 1.344 | 1.398 | 1.550 | 1.660 | 1.481 | E3   | 8.49  |
| 34)      | L7 | AR-1260-4 | 1.188 | 1.097 | 1.148 | 1.261 | 1.432 | 1.225 | E3   | 10.64 |
| 35)      | L7 | AR-1260-5 | 2.577 | 2.497 | 2.556 | 2.523 | 2.979 | 2.626 | E3   | 7.60  |
| 36)      | L8 | AR-1262-1 | 9.206 | 8.597 | 8.924 | 9.706 | 9.338 | 9.154 | E2   | 4.58  |
| 37)      | L8 | AR-1262-2 | 2.844 | 2.743 | 2.799 | 2.992 | 3.390 | 2.953 | E3   | 8.82  |
| 38)      | L8 | AR-1262-3 | 1.203 | 1.119 | 1.165 | 1.316 | 1.386 | 1.238 | E3   | 8.93  |
| 39)      | L8 | AR-1262-4 | 2.082 | 1.992 | 2.043 | 2.146 | 2.325 | 2.118 | E3   | 6.07  |
| 40)      | L8 | AR-1262-5 | 9.309 | 9.056 | 9.316 | 9.644 | 9.220 | 9.309 | E2   | 2.31  |
| 41)      | L9 | AR-1268-1 | 3.377 | 3.180 | 3.292 | 3.526 | 4.204 | 3.516 | E3   | 11.52 |
| 42)      | L9 | AR-1268-2 | 3.084 | 2.911 | 3.016 | 3.164 | 3.365 | 3.108 | E3   | 5.51  |
| 43)      | L9 | AR-1268-3 | 2.830 | 2.688 | 2.791 | 2.893 | 3.167 | 2.874 | E3   | 6.26  |
| 44)      | L9 | AR-1268-4 | 0.986 | 0.996 | 1.019 | 1.023 | 1.032 | 1.011 | E3   | 1.93  |
| 45)      | L9 | AR-1268-5 | 8.511 | 8.197 | 8.420 | 8.220 | 8.351 | 8.340 | E3   | 1.59  |

(#) = Out of Range