

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\  
 Method File : PP012821.M  
 Title : GC EXTRACTABLES  
 Last Update : Fri Jan 29 04:07:51 2021  
 Response Via : Initial Calibration

## Calibration Files

500 =PP033002.D 1000 =PP033000.D 750 =PP033001.D  
 250 =PP033003.D 50 =PP033004.D

| Compound |    |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |      |
|----------|----|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1)       | SA | Tetrachloro-m-xylene | 5.822 | 5.557 | 5.671 | 5.876 | 5.465 | 5.678 | E4   | 3.05 |
| 2)       | SA | Decachlorobiphenyl   | 3.684 | 3.510 | 3.595 | 3.704 | 3.447 | 3.588 | E4   | 3.07 |
| 3)       | L1 | AR-1016-1            | 1.578 | 1.490 | 1.504 | 1.621 | 1.505 | 1.540 | E3   | 3.71 |
| 4)       | L1 | AR-1016-2            | 2.411 | 2.248 | 2.328 | 2.509 | 2.392 | 2.378 | E3   | 4.09 |
| 5)       | L1 | AR-1016-3            | 1.501 | 1.401 | 1.371 | 1.531 | 1.475 | 1.456 | E3   | 4.64 |
| 6)       | L1 | AR-1016-4            | 1.260 | 1.177 | 1.163 | 1.261 | 1.090 | 1.190 | E3   | 6.08 |
| 7)       | L1 | AR-1016-5            | 1.156 | 1.074 | 1.106 | 1.175 | 1.142 | 1.130 | E3   | 3.57 |
| 8)       | L2 | AR-1221-1            | 5.584 |       |       |       |       | 5.584 | E2   | 0.00 |
| 9)       | L2 | AR-1221-2            | 4.325 |       |       |       |       | 4.325 | E2   | 0.00 |
| 10)      | L2 | AR-1221-3            | 1.310 |       |       |       |       | 1.310 | E3   | 0.00 |
| 11)      | L3 | AR-1232-1            | 1.085 |       |       |       |       | 1.085 | E3   | 0.00 |
| 12)      | L3 | AR-1232-2            | 5.379 |       |       |       |       | 5.379 | E2   | 0.00 |
| 13)      | L3 | AR-1232-3            | 1.019 |       |       |       |       | 1.019 | E3   | 0.00 |
| 14)      | L3 | AR-1232-4            | 5.331 |       |       |       |       | 5.331 | E2   | 0.00 |
| 15)      | L3 | AR-1232-5            | 3.248 |       |       |       |       | 3.248 | E2   | 0.00 |
| 16)      | L4 | AR-1242-1            | 1.261 | 1.152 | 1.232 | 1.263 | 1.299 | 1.241 | E3   | 4.45 |
| 17)      | L4 | AR-1242-2            | 1.878 | 1.772 | 1.855 | 1.929 | 1.847 | 1.856 | E3   | 3.07 |
| 18)      | L4 | AR-1242-3            | 1.130 | 1.112 | 1.185 | 1.153 | 1.115 | 1.139 | E3   | 2.66 |
| 19)      | L4 | AR-1242-4            | 9.659 | 9.271 | 9.952 | 9.877 | 9.630 | 9.678 | E2   | 2.75 |
| 20)      | L4 | AR-1242-5            | 9.636 | 8.934 | 9.268 | 9.567 | 8.389 | 9.159 | E2   | 5.59 |
| 21)      | L5 | AR-1248-1            | 9.237 | 8.586 | 8.870 | 9.431 | 8.374 | 8.900 | E2   | 4.94 |
| 22)      | L5 | AR-1248-2            | 1.237 | 1.138 | 1.181 | 1.275 | 1.206 | 1.207 | E3   | 4.33 |
| 23)      | L5 | AR-1248-3            | 1.526 | 1.411 | 1.450 | 1.571 | 1.563 | 1.504 | E3   | 4.70 |
| 24)      | L5 | AR-1248-4            | 1.602 | 1.489 | 1.544 | 1.654 | 1.578 | 1.573 | E3   | 3.92 |
| 25)      | L5 | AR-1248-5            | 1.606 | 1.490 | 1.546 | 1.613 | 1.484 | 1.548 | E3   | 3.97 |
| 26)      | L6 | AR-1254-1            | 1.711 | 1.584 | 1.640 | 1.761 | 1.729 | 1.685 | E3   | 4.27 |
| 27)      | L6 | AR-1254-2            | 2.588 | 2.404 | 2.513 | 2.693 | 2.713 | 2.582 | E3   | 4.98 |
| 28)      | L6 | AR-1254-3            | 2.663 | 2.501 | 2.593 | 2.742 | 2.571 | 2.614 | E3   | 3.51 |
| 29)      | L6 | AR-1254-4            | 1.837 | 1.712 | 1.774 | 1.849 | 1.649 | 1.764 | E3   | 4.79 |
| 30)      | L6 | AR-1254-5            | 2.029 | 1.914 | 1.995 | 2.061 | 1.899 | 1.980 | E3   | 3.58 |
| 31)      | L7 | AR-1260-1            | 1.893 | 1.760 | 1.853 | 1.945 | 1.791 | 1.848 | E3   | 4.04 |
| 32)      | L7 | AR-1260-2            | 2.483 | 2.308 | 2.404 | 2.566 | 2.479 | 2.448 | E3   | 3.96 |
| 33)      | L7 | AR-1260-3            | 2.176 | 2.005 | 2.097 | 2.197 | 2.198 | 2.135 | E3   | 3.92 |
| 34)      | L7 | AR-1260-4            | 2.120 | 1.947 | 2.026 | 2.163 | 1.953 | 2.042 | E3   | 4.76 |
| 35)      | L7 | AR-1260-5            | 4.570 | 4.392 | 4.445 | 4.709 | 4.088 | 4.441 | E3   | 5.23 |
| 36)      | L8 | AR-1262-1            | 3.186 | 3.066 | 3.109 | 3.221 | 2.894 | 3.095 | E3   | 4.14 |
| 37)      | L8 | AR-1262-2            | 4.821 | 4.719 | 4.768 | 4.893 | 4.633 | 4.767 | E3   | 2.07 |
| 38)      | L8 | AR-1262-3            | 3.305 | 3.247 | 3.271 | 3.373 | 3.624 | 3.364 | E3   | 4.54 |
| 39)      | L8 | AR-1262-4            | 2.613 | 2.722 | 2.684 | 2.813 | 3.059 | 2.778 | E3   | 6.22 |
| 40)      | L8 | AR-1262-5            | 1.552 | 1.568 | 1.542 | 1.598 | 1.578 | 1.567 | E3   | 1.40 |
| 41)      | L9 | AR-1268-1            | 6.124 | 6.061 | 6.150 | 6.301 | 6.277 | 6.183 | E3   | 1.66 |
| 42)      | L9 | AR-1268-2            | 5.392 | 5.519 | 5.687 | 5.702 | 5.665 | 5.593 | E3   | 2.39 |
| 43)      | L9 | AR-1268-3            | 5.139 | 5.018 | 5.240 | 5.248 | 5.239 | 5.177 | E3   | 1.92 |
| 44)      | L9 | AR-1268-4            | 1.656 | 1.624 | 1.647 | 1.652 | 1.348 | 1.586 | E3   | 8.40 |
| 45)      | L9 | AR-1268-5            | 1.325 | 1.325 | 1.330 | 1.310 | 1.189 | 1.296 | E4   | 4.66 |

## Signal #2 Calibration Files

500 =PP033002.D 1000 =PP033000.D 750 =PP033001.D  
 250 =PP033003.D 50 =PP033004.D

| Compound |                      | 500   | 1000  | 750   | 250   | 50    | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 4.684 | 4.496 | 4.602 | 4.703 | 4.500 | 4.597 | E4   | 2.14 |
| 2) SA    | Decachlorobiphenyl   | 3.321 | 3.176 | 3.241 | 3.394 | 3.298 | 3.286 | E4   | 2.52 |
| 3) L1    | AR-1016-1            | 1.307 | 1.217 | 1.261 | 1.349 | 1.232 | 1.273 | E3   | 4.30 |
| 4) L1    | AR-1016-2            | 1.915 | 1.818 | 1.866 | 1.978 | 1.855 | 1.886 | E3   | 3.28 |
| 5) L1    | AR-1016-3            | 1.056 | 0.990 | 1.015 | 1.083 | 0.994 | 1.028 | E3   | 3.94 |

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\  
 Method File : PP012821.M  
 Title : GC EXTRACTABLES  
 Last Update : Fri Jan 29 04:07:51 2021  
 Response Via : Initial Calibration

## Calibration Files

500 =PP033002.D 1000 =PP033000.D 750 =PP033001.D  
 250 =PP033003.D 50 =PP033004.D

|     | Compound     | 500   | 1000  | 750   | 250   | 50    | Avg   |    | %RSD |
|-----|--------------|-------|-------|-------|-------|-------|-------|----|------|
| 6)  | L1 AR-1016-4 | 8.107 | 7.461 | 7.747 | 8.385 | 7.655 | 7.871 | E2 | 4.71 |
| 7)  | L1 AR-1016-5 | 1.056 | 0.987 | 1.020 | 1.083 | 0.999 | 1.029 | E3 | 3.90 |
| 8)  | L2 AR-1221-1 | 4.567 |       |       |       |       | 4.567 | E2 | 0.00 |
| 9)  | L2 AR-1221-2 | 3.484 |       |       |       |       | 3.484 | E2 | 0.00 |
| 10) | L2 AR-1221-3 | 1.102 |       |       |       |       | 1.102 | E3 | 0.00 |
| 11) | L3 AR-1232-1 | 8.916 |       |       |       |       | 8.916 | E2 | 0.00 |
| 12) | L3 AR-1232-2 | 8.235 |       |       |       |       | 8.235 | E2 | 0.00 |
| 13) | L3 AR-1232-3 | 4.357 |       |       |       |       | 4.357 | E2 | 0.00 |
| 14) | L3 AR-1232-4 | 3.645 |       |       |       |       | 3.645 | E2 | 0.00 |
| 15) | L3 AR-1232-5 | 4.039 |       |       |       |       | 4.039 | E2 | 0.00 |
| 16) | L4 AR-1242-1 | 1.030 | 0.948 | 1.004 | 1.064 | 0.993 | 1.008 | E3 | 4.28 |
| 17) | L4 AR-1242-2 | 1.511 | 1.410 | 1.482 | 1.554 | 1.455 | 1.482 | E3 | 3.69 |
| 18) | L4 AR-1242-3 | 8.349 | 7.775 | 8.187 | 8.497 | 8.090 | 8.180 | E2 | 3.36 |
| 19) | L4 AR-1242-4 | 7.856 | 7.257 | 7.688 | 8.028 | 7.727 | 7.711 | E2 | 3.71 |
| 20) | L4 AR-1242-5 | 9.285 | 8.595 | 9.017 | 9.465 | 8.949 | 9.062 | E2 | 3.68 |
| 21) | L5 AR-1248-1 | 7.724 | 7.081 | 7.375 | 7.946 | 7.323 | 7.490 | E2 | 4.58 |
| 22) | L5 AR-1248-2 | 1.085 | 0.994 | 1.028 | 1.129 | 1.080 | 1.063 | E3 | 4.94 |
| 23) | L5 AR-1248-3 | 1.156 | 1.062 | 1.098 | 1.191 | 1.145 | 1.130 | E3 | 4.49 |
| 24) | L5 AR-1248-4 | 1.381 | 1.276 | 1.321 | 1.434 | 1.356 | 1.354 | E3 | 4.43 |
| 25) | L5 AR-1248-5 | 1.250 | 1.169 | 1.204 | 1.269 | 1.186 | 1.216 | E3 | 3.51 |
| 26) | L6 AR-1254-1 | 2.030 | 1.870 | 1.967 | 2.110 | 2.044 | 2.004 | E3 | 4.51 |
| 27) | L6 AR-1254-2 | 1.724 | 1.587 | 1.668 | 1.807 | 1.757 | 1.709 | E3 | 4.95 |
| 28) | L6 AR-1254-3 | 2.767 | 2.565 | 2.692 | 2.827 | 2.742 | 2.719 | E3 | 3.62 |
| 29) | L6 AR-1254-4 | 1.464 | 1.355 | 1.429 | 1.499 | 1.386 | 1.426 | E3 | 4.06 |
| 30) | L6 AR-1254-5 | 2.336 | 2.170 | 2.258 | 2.382 | 2.146 | 2.259 | E3 | 4.53 |
| 31) | L7 AR-1260-1 | 1.818 | 1.685 | 1.753 | 1.893 | 1.894 | 1.809 | E3 | 5.01 |
| 32) | L7 AR-1260-2 | 2.105 | 1.949 | 2.023 | 2.186 | 2.091 | 2.071 | E3 | 4.32 |
| 33) | L7 AR-1260-3 | 2.113 | 1.960 | 2.028 | 2.218 | 2.489 | 2.162 | E3 | 9.57 |
| 34) | L7 AR-1260-4 | 1.716 | 1.596 | 1.650 | 1.794 | 1.797 | 1.711 | E3 | 5.16 |
| 35) | L7 AR-1260-5 | 3.842 | 3.699 | 3.762 | 3.927 | 3.978 | 3.842 | E3 | 2.99 |
| 36) | L8 AR-1262-1 | 1.199 | 1.153 | 1.183 | 1.220 | 1.153 | 1.181 | E3 | 2.46 |
| 37) | L8 AR-1262-2 | 3.906 | 3.893 | 3.913 | 4.007 | 3.800 | 3.904 | E3 | 1.88 |
| 38) | L8 AR-1262-3 | 1.723 | 1.653 | 1.694 | 1.796 | 1.759 | 1.725 | E3 | 3.22 |
| 39) | L8 AR-1262-4 | 3.160 | 3.032 | 3.171 | 3.191 | 3.105 | 3.132 | E3 | 2.05 |
| 40) | L8 AR-1262-5 | 1.282 | 1.247 | 1.256 | 1.316 | 1.343 | 1.289 | E3 | 3.13 |
| 41) | L9 AR-1268-1 | 4.720 | 4.583 | 4.674 | 4.892 | 4.824 | 4.739 | E3 | 2.57 |
| 42) | L9 AR-1268-2 | 4.588 | 4.385 | 4.500 | 4.572 | 4.382 | 4.485 | E3 | 2.20 |
| 43) | L9 AR-1268-3 | 4.128 | 4.009 | 4.086 | 4.215 | 4.114 | 4.110 | E3 | 1.81 |
| 44) | L9 AR-1268-4 | 1.397 | 1.324 | 1.359 | 1.424 | 1.348 | 1.370 | E3 | 2.93 |
| 45) | L9 AR-1268-5 | 1.143 | 1.146 | 1.151 | 1.147 | 1.052 | 1.128 | E4 | 3.77 |

(#) = Out of Range