

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\  
 Method File : PR062821CLP.M  
 Title : GC EXTRACTABLES  
 Last Update : Tue Jun 29 05:37:58 2021  
 Response Via : Initial Calibration

## Calibration Files

400 =PR051035.D 1600 =PR051037.D 800 =PR051036.D  
 200 =PR051034.D 100 =PR051033.D

| Compound |                      | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD |       |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|-------|
| 1) SA    | Tetrachloro-m-xylene | 7.189 | 7.110 | 7.441 | 7.371 | 7.164 | 7.255 | E6   | 1.97  |
| 2) SA    | Decachlorobiphenyl   | 6.775 | 6.741 | 6.855 | 6.824 | 6.656 | 6.770 | E6   | 1.14  |
| 3) L1    | AR-1016-1            | 2.973 | 2.831 | 3.007 | 3.057 | 3.054 | 2.984 | E5   | 3.10  |
| 4) L1    | AR-1016-2            | 4.306 | 4.192 | 4.410 | 4.416 | 4.460 | 4.357 | E5   | 2.48  |
| 5) L1    | AR-1016-3            | 2.512 | 2.384 | 2.559 | 2.605 | 2.650 | 2.542 | E5   | 4.02  |
| 6) L1    | AR-1016-4            | 2.089 | 2.026 | 2.152 | 2.170 | 2.138 | 2.115 | E5   | 2.74  |
| 7) L1    | AR-1016-5            | 2.020 | 1.918 | 2.030 | 2.131 | 2.149 | 2.050 | E5   | 4.56  |
| 8) L2    | AR-1221-1            | 8.050 | 7.360 | 7.637 | 8.729 | 9.156 | 8.187 | E4   | 9.14  |
| 9) L2    | AR-1221-2            | 5.589 | 5.049 | 5.309 | 6.094 | 6.712 | 5.751 | E4   | 11.52 |
| 10) L2   | AR-1221-3            | 1.897 | 1.775 | 1.831 | 2.062 | 2.175 | 1.948 | E5   | 8.54  |
| 11) L3   | AR-1232-1            | 1.598 | 1.269 | 1.483 | 1.451 | 1.507 | 1.462 | E5   | 8.25  |
| 12) L3   | AR-1232-2            | 8.775 | 6.770 | 7.685 | 7.450 | 8.198 | 7.775 | E4   | 9.76  |
| 13) L3   | AR-1232-3            | 1.867 | 1.483 | 1.694 | 1.657 | 1.730 | 1.686 | E5   | 8.22  |
| 14) L3   | AR-1232-4            | 9.158 | 7.156 | 8.423 | 8.196 | 9.016 | 8.390 | E4   | 9.51  |
| 15) L3   | AR-1232-5            | 6.704 | 5.074 | 5.989 | 6.281 | 6.784 | 6.166 | E4   | 11.20 |
| 16) L4   | AR-1242-1            | 1.890 | 1.828 | 1.880 | 2.264 | 2.201 | 2.013 | E5   | 10.09 |
| 17) L4   | AR-1242-2            | 2.781 | 2.718 | 2.752 | 3.106 | 3.143 | 2.900 | E5   | 7.13  |
| 18) L4   | AR-1242-3            | 1.676 | 1.580 | 1.654 | 1.913 | 1.914 | 1.747 | E5   | 8.91  |
| 19) L4   | AR-1242-4            | 1.375 | 1.317 | 1.364 | 1.578 | 1.609 | 1.448 | E5   | 9.29  |
| 20) L4   | AR-1242-5            | 1.544 | 1.505 | 1.531 | 1.783 | 1.766 | 1.626 | E5   | 8.40  |
| 21) L5   | AR-1248-1            | 1.586 | 1.474 | 1.565 | 1.719 | 1.790 | 1.627 | E5   | 7.77  |
| 22) L5   | AR-1248-2            | 2.284 | 2.086 | 2.194 | 2.486 | 2.586 | 2.327 | E5   | 8.86  |
| 23) L5   | AR-1248-3            | 2.568 | 2.431 | 2.542 | 2.742 | 2.839 | 2.624 | E5   | 6.24  |
| 24) L5   | AR-1248-4            | 3.150 | 2.967 | 3.079 | 3.294 | 3.432 | 3.185 | E5   | 5.73  |
| 25) L5   | AR-1248-5            | 3.058 | 2.862 | 2.972 | 3.222 | 3.308 | 3.084 | E5   | 5.88  |
| 26) L6   | AR-1254-1            | 2.443 | 2.134 | 2.073 | 2.416 | 2.700 | 2.353 | E5   | 10.80 |
| 27) L6   | AR-1254-2            | 3.824 | 3.408 | 3.316 | 3.728 | 4.218 | 3.699 | E5   | 9.72  |
| 28) L6   | AR-1254-3            | 4.038 | 3.682 | 3.560 | 3.873 | 4.335 | 3.898 | E5   | 7.82  |
| 29) L6   | AR-1254-4            | 2.874 | 2.626 | 2.646 | 2.900 | 2.978 | 2.805 | E5   | 5.67  |
| 30) L6   | AR-1254-5            | 3.087 | 2.824 | 2.773 | 2.984 | 3.219 | 2.977 | E5   | 6.18  |
| 31) L7   | AR-1260-1            | 3.536 | 3.372 | 3.527 | 3.663 | 3.735 | 3.567 | E5   | 3.91  |
| 32) L7   | AR-1260-2            | 4.254 | 4.147 | 4.287 | 4.370 | 4.374 | 4.286 | E5   | 2.18  |
| 33) L7   | AR-1260-3            | 3.310 | 3.137 | 3.286 | 3.374 | 3.396 | 3.301 | E5   | 3.09  |
| 34) L7   | AR-1260-4            | 3.609 | 3.523 | 3.619 | 3.706 | 3.620 | 3.615 | E5   | 1.80  |
| 35) L7   | AR-1260-5            | 6.976 | 7.265 | 7.272 | 6.670 | 6.361 | 6.909 | E5   | 5.70  |
| 36) L8   | AR-1262-1            | 5.358 | 5.512 | 5.337 | 5.861 | 5.728 | 5.559 | E5   | 4.14  |
| 37) L8   | AR-1262-2            | 0.966 | 1.000 | 0.986 | 1.002 | 0.973 | 0.985 | E6   | 1.62  |
| 38) L8   | AR-1262-3            | 6.313 | 6.416 | 6.303 | 6.727 | 6.697 | 6.491 | E5   | 3.18  |
| 39) L8   | AR-1262-4            | 4.882 | 4.934 | 4.854 | 5.263 | 5.201 | 5.027 | E5   | 3.80  |
| 40) L8   | AR-1262-5            | 3.389 | 3.375 | 3.421 | 3.507 | 3.550 | 3.448 | E5   | 2.22  |
| 41) L9   | AR-1268-1            | 1.491 | 1.492 | 1.476 | 1.470 | 1.429 | 1.472 | E6   | 1.74  |
| 42) L9   | AR-1268-2            | 1.384 | 1.418 | 1.400 | 1.360 | 1.344 | 1.381 | E6   | 2.16  |
| 43) L9   | AR-1268-3            | 1.221 | 1.238 | 1.202 | 1.204 | 1.158 | 1.204 | E6   | 2.48  |
| 44) L9   | AR-1268-4            | 4.399 | 4.846 | 4.863 | 4.517 | 4.761 | 4.677 | E5   | 4.45  |
| 45) L9   | AR-1268-5            | 3.976 | 4.125 | 4.295 | 3.907 | 3.980 | 4.057 | E6   | 3.82  |

## Signal #2 Calibration Files

400 =PR051035.D 1600 =PR051037.D 800 =PR051036.D  
 200 =PR051034.D 100 =PR051033.D

| Compound |                      | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 6.226 | 6.431 | 6.692 | 6.474 | 6.305 | 6.426 | E6   | 2.78 |
| 2) SA    | Decachlorobiphenyl   | 6.615 | 6.628 | 6.727 | 6.528 | 6.399 | 6.579 | E6   | 1.87 |
| 3) L1    | AR-1016-1            | 2.224 | 2.190 | 2.336 | 2.396 | 2.362 | 2.302 | E5   | 3.90 |
| 4) L1    | AR-1016-2            | 3.517 | 3.437 | 3.641 | 3.589 | 3.611 | 3.559 | E5   | 2.31 |
| 5) L1    | AR-1016-3            | 1.802 | 1.738 | 1.848 | 1.905 | 1.885 | 1.836 | E5   | 3.67 |

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400 =PR051035.D 1600 =PR051037.D 800 =PR051036.D  
 200 =PR051034.D 100 =PR051033.D

|     | Compound     | 400   | 1600  | 800   | 200   | 100   | Avg   |    | %RSD  |
|-----|--------------|-------|-------|-------|-------|-------|-------|----|-------|
| 6)  | L1 AR-1016-4 | 1.446 | 1.329 | 1.439 | 1.577 | 1.637 | 1.486 | E5 | 8.21  |
| 7)  | L1 AR-1016-5 | 1.888 | 1.774 | 1.905 | 2.027 | 2.083 | 1.935 | E5 | 6.31  |
| 8)  | L2 AR-1221-1 | 6.846 | 6.366 | 6.556 | 7.705 | 7.958 | 7.086 | E4 | 9.98  |
| 9)  | L2 AR-1221-2 | 4.888 | 4.452 | 4.670 | 5.583 | 5.748 | 5.068 | E4 | 11.24 |
| 10) | L2 AR-1221-3 | 1.642 | 1.563 | 1.604 | 1.836 | 1.936 | 1.716 | E5 | 9.41  |
| 11) | L3 AR-1232-1 | 1.394 | 1.092 | 1.270 | 1.299 | 1.389 | 1.289 | E5 | 9.55  |
| 12) | L3 AR-1232-2 | 1.487 | 1.206 | 1.373 | 1.348 | 1.434 | 1.369 | E5 | 7.76  |
| 13) | L3 AR-1232-3 | 7.709 | 6.086 | 7.017 | 6.943 | 7.292 | 7.010 | E4 | 8.52  |
| 14) | L3 AR-1232-4 | 6.760 | 5.142 | 6.023 | 6.387 | 6.649 | 6.192 | E4 | 10.53 |
| 15) | L3 AR-1232-5 | 7.476 | 5.749 | 6.710 | 7.084 | 7.237 | 6.851 | E4 | 9.87  |
| 16) | L4 AR-1242-1 | 1.471 | 1.438 | 1.465 | 1.667 | 1.702 | 1.549 | E5 | 8.09  |
| 17) | L4 AR-1242-2 | 2.225 | 2.202 | 2.242 | 2.480 | 2.462 | 2.322 | E5 | 5.89  |
| 18) | L4 AR-1242-3 | 1.180 | 1.136 | 1.168 | 1.319 | 1.330 | 1.227 | E5 | 7.41  |
| 19) | L4 AR-1242-4 | 1.163 | 1.083 | 1.129 | 1.290 | 1.339 | 1.201 | E5 | 9.06  |
| 20) | L4 AR-1242-5 | 1.533 | 1.501 | 1.531 | 1.742 | 1.783 | 1.618 | E5 | 8.22  |
| 21) | L5 AR-1248-1 | 1.252 | 1.204 | 1.225 | 1.331 | 1.363 | 1.275 | E5 | 5.41  |
| 22) | L5 AR-1248-2 | 1.803 | 1.666 | 1.759 | 1.988 | 2.079 | 1.859 | E5 | 9.14  |
| 23) | L5 AR-1248-3 | 1.911 | 1.771 | 1.863 | 2.102 | 2.192 | 1.968 | E5 | 8.85  |
| 24) | L5 AR-1248-4 | 2.353 | 2.208 | 2.310 | 2.546 | 2.647 | 2.413 | E5 | 7.43  |
| 25) | L5 AR-1248-5 | 2.430 | 2.351 | 2.414 | 2.546 | 2.610 | 2.470 | E5 | 4.25  |
| 26) | L6 AR-1254-1 | 3.008 | 2.660 | 2.601 | 2.938 | 3.334 | 2.908 | E5 | 10.15 |
| 27) | L6 AR-1254-2 | 2.673 | 2.337 | 2.269 | 2.621 | 3.014 | 2.583 | E5 | 11.52 |
| 28) | L6 AR-1254-3 | 4.601 | 4.129 | 4.009 | 4.438 | 4.956 | 4.427 | E5 | 8.55  |
| 29) | L6 AR-1254-4 | 2.569 | 2.353 | 2.372 | 2.555 | 2.553 | 2.480 | E5 | 4.34  |
| 30) | L6 AR-1254-5 | 4.031 | 3.639 | 3.572 | 3.920 | 4.244 | 3.881 | E5 | 7.18  |
| 31) | L7 AR-1260-1 | 3.696 | 3.520 | 3.744 | 3.875 | 3.959 | 3.759 | E5 | 4.51  |
| 32) | L7 AR-1260-2 | 4.501 | 4.329 | 4.572 | 4.633 | 4.648 | 4.537 | E5 | 2.86  |
| 33) | L7 AR-1260-3 | 4.327 | 4.195 | 4.416 | 4.439 | 4.447 | 4.365 | E5 | 2.44  |
| 34) | L7 AR-1260-4 | 3.728 | 3.638 | 3.792 | 3.824 | 3.822 | 3.761 | E5 | 2.09  |
| 35) | L7 AR-1260-5 | 8.116 | 8.379 | 8.515 | 7.671 | 7.251 | 7.986 | E5 | 6.54  |
| 36) | L8 AR-1262-1 | 2.877 | 2.924 | 2.850 | 3.154 | 3.111 | 2.983 | E5 | 4.68  |
| 37) | L8 AR-1262-2 | 1.064 | 1.077 | 1.074 | 1.121 | 1.077 | 1.083 | E6 | 2.04  |
| 38) | L8 AR-1262-3 | 4.037 | 4.100 | 4.040 | 4.400 | 4.383 | 4.192 | E5 | 4.39  |
| 39) | L8 AR-1262-4 | 7.759 | 7.943 | 7.876 | 8.202 | 8.022 | 7.960 | E5 | 2.09  |
| 40) | L8 AR-1262-5 | 3.401 | 3.436 | 3.449 | 3.527 | 3.543 | 3.471 | E5 | 1.76  |
| 41) | L9 AR-1268-1 | 1.567 | 1.465 | 1.473 | 1.555 | 1.489 | 1.510 | E6 | 3.15  |
| 42) | L9 AR-1268-2 | 1.429 | 1.377 | 1.377 | 1.410 | 1.359 | 1.391 | E6 | 2.05  |
| 43) | L9 AR-1268-3 | 1.225 | 1.167 | 1.153 | 1.211 | 1.148 | 1.181 | E6 | 2.95  |
| 44) | L9 AR-1268-4 | 4.543 | 4.820 | 4.827 | 4.584 | 4.770 | 4.709 | E5 | 2.87  |
| 45) | L9 AR-1268-5 | 3.753 | 3.616 | 3.825 | 3.733 | 3.734 | 3.732 | E6 | 2.01  |

(#) = Out of Range