

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\  
 Method File : PQ082119CLP.M  
 Title : GC EXTRACTABLES  
 Last Update : Wed Aug 21 06:41:55 2019  
 Response Via : Initial Calibration

## Calibration Files

400 =PQ042599.D 1600 =PQ042601.D 800 =PQ042600.D  
 200 =PQ042598.D 100 =PQ042597.D

|        | Compound             | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD     |
|--------|----------------------|-------|-------|-------|-------|-------|-------|----------|
| 1) SA  | Tetrachloro-m-xylene | 3.024 | 2.883 | 3.067 | 3.131 | 2.738 | 2.968 | E6 5.32  |
| 2) SA  | Decachlorobiphenyl   | 7.621 | 6.825 | 7.256 | 8.235 | 7.807 | 7.549 | E6 7.11  |
| 3) L1  | AR-1016-1            | 1.222 | 1.123 | 1.191 | 1.369 | 1.179 | 1.217 | E5 7.57  |
| 4) L1  | AR-1016-2            | 1.827 | 1.633 | 1.773 | 2.028 | 1.941 | 1.840 | E5 8.29  |
| 5) L1  | AR-1016-3            | 1.214 | 1.012 | 1.118 | 1.481 | 1.392 | 1.243 | E5 15.51 |
| 6) L1  | AR-1016-4            | 8.872 | 8.240 | 8.846 | 9.702 | 8.522 | 8.836 | E4 6.21  |
| 7) L1  | AR-1016-5            | 8.556 | 7.877 | 8.408 | 9.106 | 8.337 | 8.457 | E4 5.23  |
| 8) L2  | AR-1221-1            | 3.917 | 2.932 | 3.361 | 3.532 | 3.434 | 3.435 | E4 10.29 |
| 9) L2  | AR-1221-2            | 2.689 | 2.062 | 2.404 | 2.337 | 2.690 | 2.436 | E4 10.84 |
| 10) L2 | AR-1221-3            | 9.676 | 7.109 | 8.309 | 8.810 | 9.030 | 8.587 | E4 11.19 |
| 11) L3 | AR-1232-1            | 7.296 | 6.577 | 6.840 | 6.925 | 7.043 | 6.936 | E4 3.81  |
| 12) L3 | AR-1232-2            | 3.772 | 3.469 | 3.496 | 3.634 | 4.033 | 3.681 | E4 6.27  |
| 13) L3 | AR-1232-3            | 8.598 | 7.725 | 7.729 | 8.748 | 8.998 | 8.360 | E4 7.11  |
| 14) L3 | AR-1232-4            | 4.169 | 3.888 | 3.917 | 4.120 | 4.292 | 4.077 | E4 4.21  |
| 15) L3 | AR-1232-5            | 2.550 | 2.358 | 2.467 | 2.370 | 2.483 | 2.446 | E4 3.30  |
| 16) L4 | AR-1242-1            | 1.055 | 0.922 | 0.988 | 1.115 | 1.139 | 1.044 | E5 8.60  |
| 17) L4 | AR-1242-2            | 1.547 | 1.347 | 1.423 | 1.678 | 1.620 | 1.523 | E5 8.99  |
| 18) L4 | AR-1242-3            | 0.999 | 0.843 | 0.880 | 1.184 | 1.190 | 1.019 | E5 16.07 |
| 19) L4 | AR-1242-4            | 7.881 | 6.924 | 7.295 | 8.284 | 8.072 | 7.691 | E4 7.35  |
| 20) L4 | AR-1242-5            | 0.941 | 0.838 | 0.922 | 1.007 | 1.010 | 0.944 | E5 7.52  |
| 21) L5 | AR-1248-1            | 8.140 | 7.355 | 7.890 | 8.928 | 9.376 | 8.338 | E4 9.73  |
| 22) L5 | AR-1248-2            | 1.008 | 0.899 | 0.980 | 1.101 | 1.118 | 1.021 | E5 8.85  |
| 23) L5 | AR-1248-3            | 1.247 | 1.141 | 1.214 | 1.352 | 1.391 | 1.269 | E5 8.07  |
| 24) L5 | AR-1248-4            | 1.628 | 1.467 | 1.570 | 1.778 | 1.845 | 1.658 | E5 9.27  |
| 25) L5 | AR-1248-5            | 1.580 | 1.428 | 1.525 | 1.664 | 1.764 | 1.592 | E5 8.09  |
| 26) L6 | AR-1254-1            | 1.443 | 1.312 | 1.404 | 1.505 | 1.673 | 1.467 | E5 9.18  |
| 27) L6 | AR-1254-2            | 2.355 | 2.161 | 2.312 | 2.483 | 2.683 | 2.399 | E5 8.17  |
| 28) L6 | AR-1254-3            | 2.782 | 2.608 | 2.764 | 2.973 | 3.128 | 2.851 | E5 7.08  |
| 29) L6 | AR-1254-4            | 2.346 | 2.161 | 2.309 | 2.486 | 2.619 | 2.384 | E5 7.34  |
| 30) L6 | AR-1254-5            | 2.580 | 2.411 | 2.567 | 2.586 | 2.767 | 2.582 | E5 4.89  |
| 31) L7 | AR-1260-1            | 1.811 | 1.609 | 1.759 | 1.938 | 1.697 | 1.763 | E5 7.00  |
| 32) L7 | AR-1260-2            | 2.417 | 2.195 | 2.361 | 2.662 | 2.383 | 2.404 | E5 6.98  |
| 33) L7 | AR-1260-3            | 2.164 | 1.838 | 2.043 | 2.384 | 2.382 | 2.162 | E5 10.76 |
| 34) L7 | AR-1260-4            | 2.397 | 2.260 | 2.356 | 2.638 | 2.490 | 2.428 | E5 5.91  |
| 35) L7 | AR-1260-5            | 5.827 | 5.616 | 5.845 | 6.438 | 5.957 | 5.937 | E5 5.16  |
| 36) L8 | AR-1262-1            | 1.484 | 1.402 | 1.371 | 1.496 | 1.454 | 1.441 | E5 3.73  |
| 37) L8 | AR-1262-2            | 7.554 | 7.559 | 7.159 | 7.888 | 7.460 | 7.524 | E5 3.47  |
| 38) L8 | AR-1262-3            | 5.471 | 5.235 | 5.113 | 5.613 | 5.459 | 5.378 | E5 3.73  |
| 39) L8 | AR-1262-4            | 4.399 | 4.187 | 4.186 | 4.551 | 4.414 | 4.347 | E5 3.65  |
| 40) L8 | AR-1262-5            | 3.537 | 3.262 | 3.228 | 3.593 | 3.531 | 3.430 | E5 4.99  |
| 41) L9 | AR-1268-1            | 0.934 | 0.900 | 0.962 | 0.961 | 1.024 | 0.956 | E6 4.77  |
| 42) L9 | AR-1268-2            | 0.918 | 0.871 | 0.933 | 0.930 | 1.005 | 0.931 | E6 5.19  |
| 43) L9 | AR-1268-3            | 7.941 | 7.534 | 8.114 | 8.199 | 8.728 | 8.103 | E5 5.34  |
| 44) L9 | AR-1268-4            | 3.679 | 3.446 | 3.714 | 3.809 | 3.904 | 3.711 | E5 4.64  |
| 45) L9 | AR-1268-5            | 2.802 | 2.691 | 2.837 | 2.866 | 2.955 | 2.830 | E6 3.41  |

## Signal #2 Calibration Files

400 =PQ042599.D 1600 =PQ042601.D 800 =PQ042600.D  
 200 =PQ042598.D 100 =PQ042597.D

|       | Compound             | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD    |
|-------|----------------------|-------|-------|-------|-------|-------|-------|---------|
| 1) SA | Tetrachloro-m-xylene | 2.521 | 2.519 | 2.625 | 2.621 | 2.244 | 2.506 | E6 6.19 |
| 2) SA | Decachlorobiphenyl   | 6.168 | 5.763 | 6.051 | 6.449 | 6.101 | 6.106 | E6 4.03 |
| 3) L1 | AR-1016-1            | 1.151 | 1.065 | 1.157 | 1.264 | 1.121 | 1.152 | E5 6.31 |
| 4) L1 | AR-1016-2            | 1.625 | 1.515 | 1.611 | 1.716 | 1.560 | 1.605 | E5 4.72 |
| 5) L1 | AR-1016-3            | 8.580 | 7.989 | 8.627 | 9.261 | 8.413 | 8.574 | E4 5.36 |
| 6) L1 | AR-1016-4            | 7.230 | 6.288 | 6.986 | 8.046 | 7.554 | 7.221 | E4 9.08 |

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## Calibration Files

400 =PQ042599.D 1600 =PQ042601.D 800 =PQ042600.D  
 200 =PQ042598.D 100 =PQ042597.D

| Compound |           |  | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD     |
|----------|-----------|--|-------|-------|-------|-------|-------|-------|----------|
| -----    |           |  |       |       |       |       |       |       |          |
| 7) L1    | AR-1016-5 |  | 9.099 | 8.322 | 8.975 | 9.856 | 8.531 | 8.957 | E4 6.64  |
| 8) L2    | AR-1221-1 |  | 3.764 | 2.770 | 3.248 | 3.204 | 3.320 | 3.261 | E4 10.86 |
| 9) L2    | AR-1221-2 |  | 2.705 | 1.998 | 2.349 | 2.377 | 2.603 | 2.407 | E4 11.36 |
| 10) L2   | AR-1221-3 |  | 9.464 | 6.700 | 7.986 | 8.331 | 8.815 | 8.259 | E4 12.51 |
| 11) L3   | AR-1232-1 |  | 7.116 | 6.300 | 6.595 | 6.815 | 6.858 | 6.737 | E4 4.55  |
| 12) L3   | AR-1232-2 |  | 8.107 | 7.403 | 7.547 | 7.710 | 7.427 | 7.639 | E4 3.78  |
| 13) L3   | AR-1232-3 |  | 4.228 | 3.842 | 3.959 | 3.961 | 4.298 | 4.058 | E4 4.81  |
| 14) L3   | AR-1232-4 |  | 4.014 | 3.398 | 3.610 | 4.080 | 4.788 | 3.978 | E4 13.42 |
| 15) L3   | AR-1232-5 |  | 4.207 | 3.720 | 3.851 | 3.912 | 4.137 | 3.966 | E4 5.11  |
| 16) L4   | AR-1242-1 |  | 1.060 | 0.915 | 0.984 | 1.112 | 1.093 | 1.033 | E5 7.93  |
| 17) L4   | AR-1242-2 |  | 1.434 | 1.307 | 1.351 | 1.489 | 1.505 | 1.417 | E5 6.09  |
| 18) L4   | AR-1242-3 |  | 7.752 | 6.924 | 7.261 | 8.020 | 7.884 | 7.568 | E4 6.08  |
| 19) L4   | AR-1242-4 |  | 7.775 | 6.657 | 7.130 | 8.237 | 8.488 | 7.657 | E4 9.94  |
| 20) L4   | AR-1242-5 |  | 1.136 | 0.992 | 1.061 | 1.204 | 1.211 | 1.121 | E5 8.40  |
| 21) L5   | AR-1248-1 |  | 8.176 | 7.240 | 7.731 | 8.873 | 9.081 | 8.220 | E4 9.36  |
| 22) L5   | AR-1248-2 |  | 1.079 | 0.955 | 1.026 | 1.201 | 1.246 | 1.102 | E5 10.99 |
| 23) L5   | AR-1248-3 |  | 1.102 | 0.978 | 1.051 | 1.227 | 1.277 | 1.127 | E5 10.97 |
| 24) L5   | AR-1248-4 |  | 1.342 | 1.222 | 1.294 | 1.463 | 1.510 | 1.366 | E5 8.69  |
| 25) L5   | AR-1248-5 |  | 1.548 | 1.411 | 1.486 | 1.672 | 1.754 | 1.574 | E5 8.81  |
| 26) L6   | AR-1254-1 |  | 2.211 | 2.043 | 2.159 | 2.337 | 2.532 | 2.256 | E5 8.28  |
| 27) L6   | AR-1254-2 |  | 1.982 | 1.799 | 1.913 | 2.111 | 2.305 | 2.022 | E5 9.60  |
| 28) L6   | AR-1254-3 |  | 3.445 | 3.281 | 3.430 | 3.600 | 3.850 | 3.521 | E5 6.13  |
| 29) L6   | AR-1254-4 |  | 2.522 | 2.336 | 2.462 | 2.647 | 2.863 | 2.566 | E5 7.81  |
| 30) L6   | AR-1254-5 |  | 3.554 | 3.315 | 3.486 | 3.740 | 4.073 | 3.634 | E5 7.95  |
| 31) L7   | AR-1260-1 |  | 1.995 | 1.854 | 1.972 | 2.190 | 2.192 | 2.040 | E5 7.23  |
| 32) L7   | AR-1260-2 |  | 2.694 | 2.506 | 2.667 | 2.869 | 2.657 | 2.679 | E5 4.82  |
| 33) L7   | AR-1260-3 |  | 2.361 | 2.288 | 2.376 | 2.540 | 2.353 | 2.384 | E5 3.94  |
| 34) L7   | AR-1260-4 |  | 2.242 | 2.156 | 2.244 | 2.485 | 2.208 | 2.267 | E5 5.60  |
| 35) L7   | AR-1260-5 |  | 6.265 | 6.220 | 6.406 | 6.681 | 5.567 | 6.228 | E5 6.60  |
| 36) L8   | AR-1262-1 |  | 1.715 | 1.584 | 1.534 | 1.855 | 1.871 | 1.712 | E5 8.93  |
| 37) L8   | AR-1262-2 |  | 8.461 | 8.342 | 7.963 | 8.723 | 8.280 | 8.354 | E5 3.31  |
| 38) L8   | AR-1262-3 |  | 3.534 | 3.336 | 3.245 | 3.806 | 3.851 | 3.554 | E5 7.64  |
| 39) L8   | AR-1262-4 |  | 6.475 | 6.334 | 6.080 | 6.752 | 6.600 | 6.448 | E5 3.99  |
| 40) L8   | AR-1262-5 |  | 3.189 | 3.073 | 2.983 | 3.323 | 3.249 | 3.163 | E5 4.31  |
| 41) L9   | AR-1268-1 |  | 0.987 | 0.936 | 1.016 | 1.015 | 1.065 | 1.004 | E6 4.70  |
| 42) L9   | AR-1268-2 |  | 9.258 | 8.888 | 9.590 | 9.407 | 9.806 | 9.390 | E5 3.70  |
| 43) L9   | AR-1268-3 |  | 7.808 | 7.426 | 8.030 | 8.050 | 8.512 | 7.965 | E5 4.97  |
| 44) L9   | AR-1268-4 |  | 3.389 | 3.231 | 3.446 | 3.453 | 3.593 | 3.422 | E5 3.82  |
| 45) L9   | AR-1268-5 |  | 2.557 | 2.420 | 2.602 | 2.587 | 2.652 | 2.563 | E6 3.41  |
| -----    |           |  |       |       |       |       |       |       |          |

(#) = Out of Range