

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\  
 Method File : PQ100419CLP.M  
 Title : GC EXTRACTABLES  
 Last Update : Mon Oct 07 01:55:17 2019  
 Response Via : Initial Calibration

## Calibration Files

400 =PQ044049.D 1600 =PQ044051.D 800 =PQ044050.D  
 200 =PQ044048.D 100 =PQ044047.D

| Compound |    |                      | 400   | 1600  | 800   | 200   | 100   | Avg   |    |       |
|----------|----|----------------------|-------|-------|-------|-------|-------|-------|----|-------|
| <hr/>    |    |                      |       |       |       |       |       |       |    |       |
| 1)       | SA | Tetrachloro-m-xylene | 1.579 | 1.340 | 1.423 | 1.710 | 1.556 | 1.522 | E6 | 9.45  |
| 2)       | SA | Decachlorobiphenyl   | 4.255 | 3.898 | 4.063 | 4.506 | 4.476 | 4.240 | E6 | 6.18  |
| 3)       | L1 | AR-1016-1            | 5.814 | 5.069 | 5.479 | 6.510 | 5.775 | 5.729 | E4 | 9.22  |
| 4)       | L1 | AR-1016-2            | 8.408 | 7.630 | 8.040 | 9.207 | 8.364 | 8.330 | E4 | 6.98  |
| 5)       | L1 | AR-1016-3            | 5.424 | 4.855 | 5.167 | 5.867 | 5.398 | 5.342 | E4 | 6.96  |
| 6)       | L1 | AR-1016-4            | 4.412 | 4.018 | 4.253 | 4.798 | 4.405 | 4.377 | E4 | 6.49  |
| 7)       | L1 | AR-1016-5            | 4.532 | 4.095 | 4.335 | 4.771 | 4.313 | 4.409 | E4 | 5.78  |
| 8)       | L2 | AR-1221-1            | 1.514 | 1.563 | 1.512 | 1.471 | 1.542 | 1.520 | E4 | 2.28  |
| 9)       | L2 | AR-1221-2            | 1.055 | 1.108 | 1.057 | 1.076 | 1.238 | 1.107 | E4 | 6.92  |
| 10)      | L2 | AR-1221-3            | 3.594 | 3.553 | 3.518 | 3.695 | 4.247 | 3.721 | E4 | 8.09  |
| 11)      | L3 | AR-1232-1            | 3.079 | 3.050 | 3.388 | 3.411 | 3.624 | 3.310 | E4 | 7.34  |
| 12)      | L3 | AR-1232-2            | 1.641 | 1.774 | 1.819 | 1.824 | 2.067 | 1.825 | E4 | 8.45  |
| 13)      | L3 | AR-1232-3            | 3.725 | 3.751 | 4.063 | 3.982 | 4.440 | 3.992 | E4 | 7.25  |
| 14)      | L3 | AR-1232-4            | 1.928 | 1.962 | 2.095 | 2.087 | 2.064 | 2.027 | E4 | 3.78  |
| 15)      | L3 | AR-1232-5            | 1.505 | 1.456 | 1.549 | 1.650 | 1.740 | 1.580 | E4 | 7.25  |
| 16)      | L4 | AR-1242-1            | 4.623 | 4.115 | 4.302 | 5.065 | 5.077 | 4.636 | E4 | 9.41  |
| 17)      | L4 | AR-1242-2            | 6.747 | 6.066 | 6.255 | 7.243 | 7.062 | 6.674 | E4 | 7.58  |
| 18)      | L4 | AR-1242-3            | 4.430 | 3.935 | 4.136 | 4.941 | 4.511 | 4.391 | E4 | 8.75  |
| 19)      | L4 | AR-1242-4            | 3.561 | 3.246 | 3.341 | 4.005 | 3.849 | 3.600 | E4 | 9.00  |
| 20)      | L4 | AR-1242-5            | 5.025 | 4.578 | 4.675 | 5.436 | 5.479 | 5.038 | E4 | 8.28  |
| 21)      | L5 | AR-1248-1            | 3.461 | 3.137 | 3.307 | 3.723 | 3.642 | 3.454 | E4 | 6.94  |
| 22)      | L5 | AR-1248-2            | 5.083 | 4.509 | 4.773 | 5.381 | 5.291 | 5.007 | E4 | 7.26  |
| 23)      | L5 | AR-1248-3            | 5.962 | 5.365 | 5.669 | 6.134 | 5.764 | 5.779 | E4 | 5.07  |
| 24)      | L5 | AR-1248-4            | 8.304 | 7.499 | 7.748 | 8.609 | 8.790 | 8.190 | E4 | 6.74  |
| 25)      | L5 | AR-1248-5            | 8.104 | 7.576 | 7.714 | 8.514 | 8.803 | 8.142 | E4 | 6.39  |
| 26)      | L6 | AR-1254-1            | 8.450 | 7.564 | 7.800 | 9.294 | 9.485 | 8.518 | E4 | 10.11 |
| 27)      | L6 | AR-1254-2            | 1.408 | 1.268 | 1.310 | 1.539 | 1.616 | 1.428 | E5 | 10.36 |
| 28)      | L6 | AR-1254-3            | 1.703 | 1.571 | 1.611 | 1.842 | 1.913 | 1.728 | E5 | 8.49  |
| 29)      | L6 | AR-1254-4            | 1.457 | 1.325 | 1.370 | 1.584 | 1.612 | 1.470 | E5 | 8.62  |
| 30)      | L6 | AR-1254-5            | 1.663 | 1.531 | 1.803 | 1.993 | 1.828 | 1.764 | E5 | 9.93  |
| 31)      | L7 | AR-1260-1            | 1.101 | 0.970 | 1.039 | 1.206 | 1.142 | 1.092 | E5 | 8.35  |
| 32)      | L7 | AR-1260-2            | 1.440 | 1.282 | 1.359 | 1.571 | 1.472 | 1.425 | E5 | 7.73  |
| 33)      | L7 | AR-1260-3            | 1.828 | 1.872 | 1.761 | 1.955 | 2.058 | 1.895 | E5 | 6.07  |
| 34)      | L7 | AR-1260-4            | 1.476 | 1.352 | 1.416 | 1.575 | 1.502 | 1.464 | E5 | 5.80  |
| 35)      | L7 | AR-1260-5            | 3.307 | 3.138 | 3.212 | 3.523 | 3.392 | 3.314 | E5 | 4.56  |
| 36)      | L8 | AR-1262-1            | 1.982 | 2.039 | 1.880 | 1.993 | 2.076 | 1.994 | E5 | 3.71  |
| 37)      | L8 | AR-1262-2            | 4.343 | 4.665 | 4.252 | 4.302 | 4.475 | 4.407 | E5 | 3.77  |
| 38)      | L8 | AR-1262-3            | 3.184 | 3.261 | 3.076 | 3.206 | 3.314 | 3.208 | E5 | 2.79  |
| 39)      | L8 | AR-1262-4            | 2.402 | 2.453 | 2.316 | 2.413 | 2.486 | 2.414 | E5 | 2.65  |
| 40)      | L8 | AR-1262-5            | 2.041 | 2.041 | 1.975 | 2.048 | 2.073 | 2.036 | E5 | 1.78  |
| 41)      | L9 | AR-1268-1            | 5.508 | 4.971 | 5.937 | 5.728 | 6.173 | 5.663 | E5 | 8.10  |
| 42)      | L9 | AR-1268-2            | 5.256 | 4.785 | 5.663 | 5.449 | 5.765 | 5.384 | E5 | 7.21  |
| 43)      | L9 | AR-1268-3            | 4.351 | 3.950 | 4.681 | 4.536 | 4.981 | 4.500 | E5 | 8.54  |
| 44)      | L9 | AR-1268-4            | 2.394 | 2.120 | 2.466 | 2.464 | 2.572 | 2.403 | E5 | 7.10  |
| 45)      | L9 | AR-1268-5            | 1.827 | 1.722 | 1.949 | 1.854 | 1.955 | 1.861 | E6 | 5.18  |

## Signal #2 Calibration Files

400 =PQ044049.D 1600 =PQ044051.D 800 =PQ044050.D  
 200 =PQ044048.D 100 =PQ044047.D

| Compound |    |                      | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD |      |
|----------|----|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1)       | SA | Tetrachloro-m-xylene | 1.239 | 1.205 | 1.214 | 1.276 | 1.116 | 1.210 | E6   | 4.91 |
| 2)       | SA | Decachlorobiphenyl   | 2.972 | 2.856 | 2.857 | 3.192 | 2.935 | 2.963 | E6   | 4.65 |
| 3)       | L1 | AR-1016-1            | 4.558 | 4.129 | 4.287 | 4.973 | 4.504 | 4.490 | E4   | 7.13 |
| 4)       | L1 | AR-1016-2            | 7.294 | 6.921 | 7.011 | 8.567 | 7.235 | 7.406 | E4   | 9.01 |
| 5)       | L1 | AR-1016-3            | 3.726 | 3.543 | 3.652 | 4.056 | 3.941 | 3.783 | E4   | 5.57 |

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400 =PQ044049.D 1600 =PQ044051.D 800 =PQ044050.D  
 200 =PQ044048.D 100 =PQ044047.D

|     | Compound     | 400   | 1600  | 800   | 200   | 100   | Avg   |    | %RSD |
|-----|--------------|-------|-------|-------|-------|-------|-------|----|------|
| 6)  | L1 AR-1016-4 | 3.422 | 3.105 | 3.266 | 3.764 | 3.644 | 3.440 | E4 | 7.82 |
| 7)  | L1 AR-1016-5 | 4.235 | 3.887 | 4.045 | 4.349 | 4.558 | 4.215 | E4 | 6.19 |
| 8)  | L2 AR-1221-1 | 1.308 | 1.300 | 1.250 | 1.315 | 1.563 | 1.347 | E4 | 9.15 |
| 9)  | L2 AR-1221-2 | 0.942 | 0.920 | 0.898 | 0.935 | 1.026 | 0.944 | E4 | 5.15 |
| 10) | L2 AR-1221-3 | 3.228 | 3.259 | 3.189 | 3.361 | 3.953 | 3.398 | E4 | 9.31 |
| 11) | L3 AR-1232-1 | 2.820 | 2.847 | 3.056 | 3.077 | 3.397 | 3.039 | E4 | 7.63 |
| 12) | L3 AR-1232-2 | 3.258 | 3.709 | 3.889 | 3.818 | 3.721 | 3.679 | E4 | 6.70 |
| 13) | L3 AR-1232-3 | 1.675 | 1.771 | 1.838 | 1.799 | 1.970 | 1.810 | E4 | 5.93 |
| 14) | L3 AR-1232-4 | 1.676 | 1.712 | 1.796 | 1.813 | 1.921 | 1.783 | E4 | 5.37 |
| 15) | L3 AR-1232-5 | 1.842 | 1.855 | 1.968 | 2.041 | 2.055 | 1.952 | E4 | 5.14 |
| 16) | L4 AR-1242-1 | 3.772 | 3.504 | 3.613 | 4.032 | 4.339 | 3.852 | E4 | 8.76 |
| 17) | L4 AR-1242-2 | 6.178 | 5.802 | 5.925 | 6.338 | 5.945 | 6.038 | E4 | 3.58 |
| 18) | L4 AR-1242-3 | 3.103 | 2.988 | 3.048 | 3.242 | 3.486 | 3.173 | E4 | 6.25 |
| 19) | L4 AR-1242-4 | 3.472 | 3.143 | 3.302 | 3.678 | 3.749 | 3.469 | E4 | 7.30 |
| 20) | L4 AR-1242-5 | 4.747 | 4.380 | 4.523 | 4.559 | 4.760 | 4.594 | E4 | 3.49 |
| 21) | L5 AR-1248-1 | 2.993 | 2.768 | 2.855 | 3.164 | 3.113 | 2.979 | E4 | 5.63 |
| 22) | L5 AR-1248-2 | 4.935 | 4.645 | 4.614 | 5.251 | 5.148 | 4.919 | E4 | 5.85 |
| 23) | L5 AR-1248-3 | 5.058 | 4.819 | 4.773 | 5.402 | 5.224 | 5.055 | E4 | 5.27 |
| 24) | L5 AR-1248-4 | 6.126 | 5.951 | 5.753 | 6.526 | 6.593 | 6.190 | E4 | 5.87 |
| 25) | L5 AR-1248-5 | 6.402 | 6.326 | 6.158 | 6.758 | 6.421 | 6.413 | E4 | 3.41 |
| 26) | L6 AR-1254-1 | 1.110 | 1.074 | 1.080 | 1.227 | 1.256 | 1.149 | E5 | 7.46 |
| 27) | L6 AR-1254-2 | 1.019 | 0.968 | 0.984 | 1.131 | 1.175 | 1.055 | E5 | 8.77 |
| 28) | L6 AR-1254-3 | 1.756 | 1.722 | 1.722 | 1.895 | 1.961 | 1.811 | E5 | 6.07 |
| 29) | L6 AR-1254-4 | 1.125 | 1.077 | 1.088 | 1.180 | 1.248 | 1.144 | E5 | 6.20 |
| 30) | L6 AR-1254-5 | 1.751 | 1.703 | 1.699 | 1.868 | 1.886 | 1.782 | E5 | 5.03 |
| 31) | L7 AR-1260-1 | 0.947 | 0.880 | 0.908 | 1.030 | 0.977 | 0.949 | E5 | 6.19 |
| 32) | L7 AR-1260-2 | 1.184 | 1.109 | 1.131 | 1.261 | 1.211 | 1.179 | E5 | 5.19 |
| 33) | L7 AR-1260-3 | 1.056 | 1.010 | 1.023 | 1.129 | 1.077 | 1.059 | E5 | 4.45 |
| 34) | L7 AR-1260-4 | 9.287 | 9.004 | 9.067 | 9.950 | 9.253 | 9.312 | E4 | 4.04 |
| 35) | L7 AR-1260-5 | 2.341 | 2.373 | 2.338 | 2.451 | 2.413 | 2.383 | E5 | 2.04 |
| 36) | L8 AR-1262-1 | 8.703 | 8.954 | 8.313 | 8.603 | 8.652 | 8.645 | E4 | 2.66 |
| 37) | L8 AR-1262-2 | 3.944 | 4.352 | 3.917 | 3.664 | 3.763 | 3.928 | E5 | 6.70 |
| 38) | L8 AR-1262-3 | 1.672 | 1.753 | 1.625 | 1.599 | 1.645 | 1.659 | E5 | 3.57 |
| 39) | L8 AR-1262-4 | 3.491 | 3.752 | 3.465 | 3.139 | 3.143 | 3.398 | E5 | 7.66 |
| 40) | L8 AR-1262-5 | 1.525 | 1.625 | 1.514 | 1.553 | 1.564 | 1.556 | E5 | 2.81 |
| 41) | L9 AR-1268-1 | 5.043 | 4.602 | 5.635 | 4.881 | 5.362 | 5.105 | E5 | 7.92 |
| 42) | L9 AR-1268-2 | 4.893 | 4.484 | 5.458 | 4.705 | 5.152 | 4.938 | E5 | 7.70 |
| 43) | L9 AR-1268-3 | 3.933 | 3.649 | 4.423 | 3.810 | 4.157 | 3.995 | E5 | 7.58 |
| 44) | L9 AR-1268-4 | 1.850 | 1.723 | 2.053 | 1.834 | 1.876 | 1.867 | E5 | 6.37 |
| 45) | L9 AR-1268-5 | 1.559 | 1.474 | 1.716 | 1.502 | 1.566 | 1.564 | E6 | 5.99 |

(#) = Out of Range