

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\  
 Method File : PQ050219CLP.M  
 Title : GC EXTRACTABLES  
 Last Update : Thu May 02 08:13:50 2019  
 Response Via : Initial Calibration

## Calibration Files

400 =PQ039287.D 1600 =PQ039289.D 800 =PQ039288.D  
 200 =PQ039286.D 100 =PQ039285.D

| Compound |                      | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD |       |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|-------|
| 1) SA    | Tetrachloro-m-xylene | 3.041 | 3.221 | 2.780 | 3.049 | 3.059 | 3.030 | E6   | 5.22  |
| 2) SA    | Decachlorobiphenyl   | 5.897 | 5.665 | 5.776 | 6.267 | 6.945 | 6.110 | E6   | 8.49  |
| 3) L1    | AR-1016-1            | 1.704 | 1.745 | 1.514 | 1.840 | 1.959 | 1.752 | E5   | 9.45  |
| 4) L1    | AR-1016-2            | 2.556 | 2.652 | 2.318 | 2.774 | 2.851 | 2.630 | E5   | 7.90  |
| 5) L1    | AR-1016-3            | 1.623 | 1.641 | 1.465 | 1.771 | 1.822 | 1.664 | E5   | 8.40  |
| 6) L1    | AR-1016-4            | 1.310 | 1.357 | 1.201 | 1.443 | 1.537 | 1.370 | E5   | 9.33  |
| 7) L1    | AR-1016-5            | 1.358 | 1.363 | 1.222 | 1.465 | 1.558 | 1.393 | E5   | 9.06  |
| 8) L2    | AR-1221-1            | 4.071 | 3.707 | 3.402 | 4.215 | 4.404 | 3.960 | E4   | 10.18 |
| 9) L2    | AR-1221-2            | 3.101 | 2.631 | 2.505 | 2.935 | 3.253 | 2.885 | E4   | 10.87 |
| 10) L2   | AR-1221-3            | 1.030 | 0.906 | 0.804 | 1.041 | 1.219 | 1.000 | E5   | 15.65 |
| 11) L3   | AR-1232-1            | 7.050 | 5.895 | 5.769 | 7.128 | 7.635 | 6.695 | E4   | 12.26 |
| 12) L3   | AR-1232-2            | 3.692 | 3.205 | 3.147 | 3.884 | 3.710 | 3.528 | E4   | 9.36  |
| 13) L3   | AR-1232-3            | 7.478 | 6.648 | 6.623 | 7.998 | 7.962 | 7.342 | E4   | 9.21  |
| 14) L3   | AR-1232-4            | 4.090 | 3.403 | 3.378 | 4.190 | 4.465 | 3.905 | E4   | 12.54 |
| 15) L3   | AR-1232-5            | 2.932 | 2.521 | 2.622 | 3.285 | 2.671 | 2.806 | E4   | 10.95 |
| 16) L4   | AR-1242-1            | 1.163 | 0.904 | 1.053 | 1.181 | 1.214 | 1.103 | E5   | 11.49 |
| 17) L4   | AR-1242-2            | 1.755 | 1.376 | 1.537 | 1.775 | 1.784 | 1.645 | E5   | 11.06 |
| 18) L4   | AR-1242-3            | 1.143 | 0.868 | 1.001 | 1.103 | 1.161 | 1.055 | E5   | 11.50 |
| 19) L4   | AR-1242-4            | 0.955 | 0.715 | 0.818 | 0.964 | 1.005 | 0.891 | E5   | 13.62 |
| 20) L4   | AR-1242-5            | 1.015 | 0.854 | 0.945 | 1.024 | 1.045 | 0.976 | E5   | 8.01  |
| 21) L5   | AR-1248-1            | 1.364 | 1.136 | 1.176 | 1.228 | 0.974 | 1.176 | E5   | 12.07 |
| 22) L5   | AR-1248-2            | 1.831 | 1.536 | 1.697 | 1.694 | 1.434 | 1.638 | E5   | 9.46  |
| 23) L5   | AR-1248-3            | 2.196 | 1.873 | 1.965 | 1.987 | 1.721 | 1.948 | E5   | 8.91  |
| 24) L5   | AR-1248-4            | 2.427 | 2.083 | 2.174 | 2.229 | 1.883 | 2.159 | E5   | 9.23  |
| 25) L5   | AR-1248-5            | 2.383 | 2.056 | 2.152 | 2.209 | 1.845 | 2.129 | E5   | 9.33  |
| 26) L6   | AR-1254-1            | 1.969 | 1.963 | 1.791 | 2.084 | 2.264 | 2.014 | E5   | 8.68  |
| 27) L6   | AR-1254-2            | 3.097 | 3.113 | 2.819 | 3.303 | 3.585 | 3.183 | E5   | 8.90  |
| 28) L6   | AR-1254-3            | 3.330 | 3.449 | 3.105 | 3.424 | 3.732 | 3.408 | E5   | 6.64  |
| 29) L6   | AR-1254-4            | 2.303 | 2.376 | 2.153 | 2.383 | 2.619 | 2.367 | E5   | 7.13  |
| 30) L6   | AR-1254-5            | 2.705 | 2.751 | 2.521 | 2.707 | 2.947 | 2.726 | E5   | 5.58  |
| 31) L7   | AR-1260-1            | 3.233 | 3.197 | 2.908 | 3.421 | 3.697 | 3.291 | E5   | 8.87  |
| 32) L7   | AR-1260-2            | 3.850 | 3.886 | 3.554 | 4.162 | 4.328 | 3.956 | E5   | 7.57  |
| 33) L7   | AR-1260-3            | 3.047 | 3.007 | 2.775 | 3.201 | 3.345 | 3.075 | E5   | 6.98  |
| 34) L7   | AR-1260-4            | 3.606 | 3.619 | 3.329 | 3.718 | 3.856 | 3.626 | E5   | 5.34  |
| 35) L7   | AR-1260-5            | 7.467 | 7.813 | 7.167 | 7.719 | 7.902 | 7.614 | E5   | 3.91  |
| 36) L8   | AR-1262-1            | 3.403 | 3.076 | 3.591 | 3.531 | 3.529 | 3.426 | E5   | 6.05  |
| 37) L8   | AR-1262-2            | 6.073 | 5.818 | 6.499 | 6.106 | 6.019 | 6.103 | E5   | 4.07  |
| 38) L8   | AR-1262-3            | 4.204 | 3.891 | 4.355 | 4.304 | 4.307 | 4.212 | E5   | 4.45  |
| 39) L8   | AR-1262-4            | 3.438 | 3.137 | 3.620 | 3.445 | 3.430 | 3.414 | E5   | 5.09  |
| 40) L8   | AR-1262-5            | 2.289 | 2.107 | 2.269 | 2.294 | 2.281 | 2.248 | E5   | 3.53  |
| 41) L9   | AR-1268-1            | 1.351 | 1.368 | 1.356 | 1.446 | 1.434 | 1.391 | E6   | 3.27  |
| 42) L9   | AR-1268-2            | 1.307 | 1.321 | 1.309 | 1.408 | 1.369 | 1.343 | E6   | 3.31  |
| 43) L9   | AR-1268-3            | 1.133 | 1.144 | 1.134 | 1.202 | 1.194 | 1.161 | E6   | 2.90  |
| 44) L9   | AR-1268-4            | 4.295 | 4.089 | 4.156 | 4.490 | 4.377 | 4.281 | E5   | 3.79  |
| 45) L9   | AR-1268-5            | 3.817 | 3.644 | 3.817 | 3.887 | 3.908 | 3.814 | E6   | 2.72  |

## Signal #2 Calibration Files

400 =PQ039287.D 1600 =PQ039289.D 800 =PQ039288.D  
 200 =PQ039286.D 100 =PQ039285.D

| Compound |                      | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 1.627 | 1.819 | 1.509 | 1.693 | 1.638 | 1.657 | E6   | 6.80 |
| 2) SA    | Decachlorobiphenyl   | 3.335 | 3.293 | 3.201 | 3.474 | 3.566 | 3.374 | E6   | 4.32 |
| 3) L1    | AR-1016-1            | 1.082 | 1.161 | 0.987 | 1.147 | 1.188 | 1.113 | E5   | 7.25 |
| 4) L1    | AR-1016-2            | 1.557 | 1.722 | 1.442 | 1.650 | 1.686 | 1.611 | E5   | 7.00 |
| 5) L1    | AR-1016-3            | 8.172 | 8.963 | 7.574 | 8.546 | 8.542 | 8.359 | E4   | 6.23 |

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 Response Via : Initial Calibration

## Calibration Files

400 =PQ039287.D 1600 =PQ039289.D 800 =PQ039288.D  
 200 =PQ039286.D 100 =PQ039285.D

| Compound |    |           | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD |       |
|----------|----|-----------|-------|-------|-------|-------|-------|-------|------|-------|
| 6)       | L1 | AR-1016-4 | 6.553 | 6.859 | 5.967 | 6.920 | 7.052 | 6.670 | E4   | 6.50  |
| 7)       | L1 | AR-1016-5 | 0.945 | 0.995 | 0.860 | 1.022 | 1.071 | 0.978 | E5   | 8.23  |
| 8)       | L2 | AR-1221-1 | 2.446 | 2.141 | 1.958 | 2.349 | 2.489 | 2.277 | E4   | 9.80  |
| 9)       | L2 | AR-1221-2 | 1.728 | 1.510 | 1.345 | 1.875 | 1.742 | 1.640 | E4   | 12.83 |
| 10)      | L2 | AR-1221-3 | 5.962 | 5.283 | 4.689 | 6.071 | 6.463 | 5.694 | E4   | 12.37 |
| 11)      | L3 | AR-1232-1 | 3.819 | 3.352 | 3.266 | 3.923 | 4.238 | 3.720 | E4   | 10.92 |
| 12)      | L3 | AR-1232-2 | 4.440 | 4.120 | 4.071 | 4.480 | 4.548 | 4.332 | E4   | 5.07  |
| 13)      | L3 | AR-1232-3 | 2.379 | 2.184 | 2.107 | 2.239 | 2.258 | 2.233 | E4   | 4.50  |
| 14)      | L3 | AR-1232-4 | 2.212 | 2.002 | 1.954 | 2.357 | 2.413 | 2.188 | E4   | 9.40  |
| 15)      | L3 | AR-1232-5 | 2.489 | 2.278 | 2.289 | 2.672 | 2.870 | 2.519 | E4   | 10.09 |
| 16)      | L4 | AR-1242-1 | 7.554 | 5.927 | 6.615 | 7.548 | 7.055 | 6.940 | E4   | 9.91  |
| 17)      | L4 | AR-1242-2 | 1.086 | 0.878 | 0.976 | 1.054 | 0.994 | 0.998 | E5   | 8.05  |
| 18)      | L4 | AR-1242-3 | 5.848 | 4.771 | 5.229 | 5.724 | 5.274 | 5.369 | E4   | 8.02  |
| 19)      | L4 | AR-1242-4 | 6.036 | 4.742 | 5.347 | 5.932 | 5.821 | 5.576 | E4   | 9.60  |
| 20)      | L4 | AR-1242-5 | 8.331 | 6.678 | 7.393 | 8.278 | 7.185 | 7.573 | E4   | 9.47  |
| 21)      | L5 | AR-1248-1 | 8.895 | 7.980 | 8.014 | 7.858 | 6.155 | 7.781 | E4   | 12.83 |
| 22)      | L5 | AR-1248-2 | 1.222 | 1.080 | 1.112 | 1.097 | 0.885 | 1.079 | E5   | 11.30 |
| 23)      | L5 | AR-1248-3 | 1.277 | 1.130 | 1.164 | 1.152 | 0.940 | 1.133 | E5   | 10.74 |
| 24)      | L5 | AR-1248-4 | 1.591 | 1.427 | 1.462 | 1.413 | 1.160 | 1.411 | E5   | 11.10 |
| 25)      | L5 | AR-1248-5 | 1.592 | 1.436 | 1.468 | 1.397 | 1.160 | 1.411 | E5   | 11.20 |
| 26)      | L6 | AR-1254-1 | 1.957 | 2.031 | 1.820 | 1.993 | 2.097 | 1.979 | E5   | 5.22  |
| 27)      | L6 | AR-1254-2 | 1.741 | 1.787 | 1.605 | 1.770 | 1.915 | 1.764 | E5   | 6.29  |
| 28)      | L6 | AR-1254-3 | 2.925 | 3.117 | 2.747 | 2.959 | 3.176 | 2.985 | E5   | 5.67  |
| 29)      | L6 | AR-1254-4 | 1.699 | 1.823 | 1.603 | 1.697 | 1.856 | 1.735 | E5   | 5.95  |
| 30)      | L6 | AR-1254-5 | 2.512 | 2.676 | 2.397 | 2.541 | 2.699 | 2.565 | E5   | 4.84  |
| 31)      | L7 | AR-1260-1 | 2.296 | 2.426 | 2.126 | 2.435 | 2.529 | 2.362 | E5   | 6.61  |
| 32)      | L7 | AR-1260-2 | 2.888 | 3.045 | 2.700 | 3.015 | 3.137 | 2.957 | E5   | 5.72  |
| 33)      | L7 | AR-1260-3 | 2.716 | 2.920 | 2.565 | 2.840 | 2.894 | 2.787 | E5   | 5.27  |
| 34)      | L7 | AR-1260-4 | 2.310 | 2.433 | 2.195 | 2.435 | 2.488 | 2.372 | E5   | 5.00  |
| 35)      | L7 | AR-1260-5 | 5.883 | 6.275 | 5.700 | 5.990 | 6.056 | 5.981 | E5   | 3.55  |
| 36)      | L8 | AR-1262-1 | 2.785 | 2.544 | 2.983 | 2.789 | 2.711 | 2.762 | E5   | 5.73  |
| 37)      | L8 | AR-1262-2 | 4.943 | 4.745 | 5.369 | 4.845 | 4.565 | 4.893 | E5   | 6.14  |
| 38)      | L8 | AR-1262-3 | 1.876 | 1.747 | 1.972 | 1.898 | 1.823 | 1.863 | E5   | 4.53  |
| 39)      | L8 | AR-1262-4 | 3.675 | 3.480 | 3.886 | 3.546 | 3.404 | 3.598 | E5   | 5.26  |
| 40)      | L8 | AR-1262-5 | 1.499 | 1.470 | 1.541 | 1.550 | 1.507 | 1.513 | E5   | 2.16  |
| 41)      | L9 | AR-1268-1 | 1.026 | 1.047 | 1.045 | 1.091 | 1.050 | 1.052 | E6   | 2.24  |
| 42)      | L9 | AR-1268-2 | 0.943 | 0.976 | 0.972 | 1.002 | 0.959 | 0.970 | E6   | 2.27  |
| 43)      | L9 | AR-1268-3 | 7.913 | 8.299 | 8.222 | 8.711 | 8.080 | 8.245 | E5   | 3.63  |
| 44)      | L9 | AR-1268-4 | 2.916 | 2.942 | 3.043 | 3.075 | 2.980 | 2.991 | E5   | 2.23  |
| 45)      | L9 | AR-1268-5 | 2.509 | 2.396 | 2.519 | 2.520 | 2.464 | 2.482 | E6   | 2.14  |

(#) = Out of Range