

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\  
 Method File : PQ080620CLP.M  
 Title : GC EXTRACTABLES  
 Last Update : Fri Aug 07 07:58:16 2020  
 Response Via : Initial Calibration

## Calibration Files

400 =PQ049019.D 1600 =PQ049021.D 800 =PQ049020.D  
 200 =PQ049018.D 100 =PQ049017.D

| Compound |    |                      | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD |       |
|----------|----|----------------------|-------|-------|-------|-------|-------|-------|------|-------|
| 1)       | SA | Tetrachloro-m-xylene | 6.193 | 5.982 | 6.301 | 6.101 | 6.203 | 6.156 | E6   | 1.95  |
| 2)       | SA | Decachlorobiphenyl   | 0.944 | 0.848 | 0.907 | 0.989 | 1.009 | 0.939 | E7   | 6.88  |
| 3)       | L1 | AR-1016-1            | 2.588 | 2.298 | 2.516 | 2.682 | 2.799 | 2.576 | E5   | 7.31  |
| 4)       | L1 | AR-1016-2            | 3.586 | 3.284 | 3.553 | 3.622 | 3.792 | 3.568 | E5   | 5.13  |
| 5)       | L1 | AR-1016-3            | 2.200 | 1.954 | 2.149 | 2.229 | 2.326 | 2.172 | E5   | 6.34  |
| 6)       | L1 | AR-1016-4            | 1.810 | 1.642 | 1.790 | 1.813 | 1.866 | 1.784 | E5   | 4.73  |
| 7)       | L1 | AR-1016-5            | 1.832 | 1.605 | 1.772 | 1.861 | 2.159 | 1.846 | E5   | 10.89 |
| 8)       | L2 | AR-1221-1            | 7.303 | 7.273 | 7.008 | 8.015 | 7.788 | 7.477 | E4   | 5.51  |
| 9)       | L2 | AR-1221-2            | 5.388 | 5.133 | 4.976 | 6.094 | 7.131 | 5.744 | E4   | 15.41 |
| 10)      | L2 | AR-1221-3            | 1.794 | 1.722 | 1.675 | 2.045 | 2.119 | 1.871 | E5   | 10.64 |
| 11)      | L3 | AR-1232-1            | 1.521 | 1.281 | 1.369 | 1.670 | 1.692 | 1.507 | E5   | 12.01 |
| 12)      | L3 | AR-1232-2            | 7.823 | 6.761 | 7.195 | 8.309 | 9.019 | 7.821 | E4   | 11.41 |
| 13)      | L3 | AR-1232-3            | 1.694 | 1.456 | 1.552 | 1.820 | 1.875 | 1.680 | E5   | 10.49 |
| 14)      | L3 | AR-1232-4            | 8.750 | 7.442 | 7.929 | 9.031 | 9.139 | 8.458 | E4   | 8.75  |
| 15)      | L3 | AR-1232-5            | 6.493 | 5.466 | 5.923 | 6.663 | 6.908 | 6.291 | E4   | 9.33  |
| 16)      | L4 | AR-1242-1            | 2.334 | 2.043 | 2.178 | 2.547 | 2.642 | 2.349 | E5   | 10.61 |
| 17)      | L4 | AR-1242-2            | 3.195 | 2.870 | 3.048 | 3.425 | 3.504 | 3.208 | E5   | 8.17  |
| 18)      | L4 | AR-1242-3            | 1.990 | 1.743 | 1.875 | 2.147 | 2.192 | 1.989 | E5   | 9.39  |
| 19)      | L4 | AR-1242-4            | 1.650 | 1.464 | 1.578 | 1.803 | 1.845 | 1.668 | E5   | 9.47  |
| 20)      | L4 | AR-1242-5            | 2.006 | 1.721 | 1.864 | 2.239 | 2.348 | 2.036 | E5   | 12.72 |
| 21)      | L5 | AR-1248-1            | 1.644 | 1.488 | 1.527 | 1.860 | 1.876 | 1.679 | E5   | 10.83 |
| 22)      | L5 | AR-1248-2            | 2.197 | 1.962 | 2.039 | 2.522 | 2.544 | 2.253 | E5   | 11.97 |
| 23)      | L5 | AR-1248-3            | 2.473 | 2.242 | 2.336 | 2.878 | 2.844 | 2.555 | E5   | 11.43 |
| 24)      | L5 | AR-1248-4            | 3.109 | 2.749 | 2.874 | 3.512 | 3.726 | 3.194 | E5   | 13.02 |
| 25)      | L5 | AR-1248-5            | 2.951 | 2.606 | 2.717 | 3.315 | 3.532 | 3.024 | E5   | 12.99 |
| 26)      | L6 | AR-1254-1            | 3.200 | 2.634 | 2.935 | 3.449 | 3.898 | 3.223 | E5   | 15.02 |
| 27)      | L6 | AR-1254-2            | 5.047 | 4.239 | 4.673 | 5.405 | 5.955 | 5.064 | E5   | 13.04 |
| 28)      | L6 | AR-1254-3            | 5.354 | 4.660 | 5.040 | 5.603 | 6.076 | 5.347 | E5   | 10.08 |
| 29)      | L6 | AR-1254-4            | 4.698 | 3.979 | 4.360 | 4.954 | 5.424 | 4.683 | E5   | 11.81 |
| 30)      | L6 | AR-1254-5            | 4.842 | 4.176 | 4.517 | 5.019 | 5.433 | 4.797 | E5   | 9.99  |
| 31)      | L7 | AR-1260-1            | 3.576 | 3.125 | 3.439 | 3.832 | 4.316 | 3.658 | E5   | 12.25 |
| 32)      | L7 | AR-1260-2            | 4.887 | 4.354 | 4.720 | 5.204 | 5.699 | 4.973 | E5   | 10.23 |
| 33)      | L7 | AR-1260-3            | 4.193 | 3.765 | 4.079 | 4.366 | 4.621 | 4.205 | E5   | 7.60  |
| 34)      | L7 | AR-1260-4            | 4.210 | 3.782 | 4.082 | 4.298 | 4.473 | 4.169 | E5   | 6.21  |
| 35)      | L7 | AR-1260-5            | 1.025 | 0.961 | 1.029 | 1.043 | 1.065 | 1.024 | E6   | 3.78  |
| 36)      | L8 | AR-1262-1            | 7.056 | 6.465 | 6.798 | 7.682 | 7.953 | 7.191 | E5   | 8.58  |
| 37)      | L8 | AR-1262-2            | 1.340 | 1.271 | 1.317 | 1.420 | 1.442 | 1.358 | E6   | 5.28  |
| 38)      | L8 | AR-1262-3            | 6.470 | 5.780 | 6.102 | 6.927 | 7.040 | 6.464 | E5   | 8.28  |
| 39)      | L8 | AR-1262-4            | 7.290 | 6.608 | 7.008 | 7.888 | 7.942 | 7.347 | E5   | 7.79  |
| 40)      | L8 | AR-1262-5            | 5.500 | 5.021 | 5.287 | 5.870 | 5.903 | 5.516 | E5   | 6.86  |
| 41)      | L9 | AR-1268-1            | 1.725 | 1.575 | 1.636 | 1.776 | 1.892 | 1.721 | E6   | 7.17  |
| 42)      | L9 | AR-1268-2            | 1.582 | 1.430 | 1.490 | 1.630 | 1.727 | 1.572 | E6   | 7.41  |
| 43)      | L9 | AR-1268-3            | 1.387 | 1.261 | 1.315 | 1.437 | 1.510 | 1.382 | E6   | 7.11  |
| 44)      | L9 | AR-1268-4            | 6.236 | 5.515 | 5.898 | 6.474 | 6.734 | 6.171 | E5   | 7.76  |
| 45)      | L9 | AR-1268-5            | 4.333 | 4.019 | 4.174 | 4.438 | 4.578 | 4.308 | E6   | 5.08  |

## Signal #2 Calibration Files

400 =PQ049019.D 1600 =PQ049021.D 800 =PQ049020.D  
 200 =PQ049018.D 100 =PQ049017.D

| Compound |                      | 400   | 1600  | 800   | 200   | 100   | Avg   | %RSD |      |
|----------|----------------------|-------|-------|-------|-------|-------|-------|------|------|
| 1) SA    | Tetrachloro-m-xylene | 3.569 | 3.587 | 3.720 | 3.419 | 3.425 | 3.544 | E6   | 3.55 |
| 2) SA    | Decachlorobiphenyl   | 4.582 | 4.356 | 4.559 | 4.799 | 4.948 | 4.649 | E6   | 4.94 |
| 3) L1    | AR-1016-1            | 1.541 | 1.447 | 1.545 | 1.575 | 1.610 | 1.544 | E5   | 3.94 |
| 4) L1    | AR-1016-2            | 2.079 | 1.975 | 2.098 | 2.082 | 2.213 | 2.089 | E5   | 4.05 |
| 5) L1    | AR-1016-3            | 1.028 | 0.994 | 1.054 | 1.031 | 1.063 | 1.034 | E5   | 2.58 |

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\  
 Method File : PQ080620CLP.M  
 Title : GC EXTRACTABLES  
 Last Update : Fri Aug 07 07:58:16 2020  
 Response Via : Initial Calibration

## Calibration Files

400 =PQ049019.D 1600 =PQ049021.D 800 =PQ049020.D  
 200 =PQ049018.D 100 =PQ049017.D

|     | Compound     | 400   | 1600  | 800   | 200   | 100   | Avg   |    | %RSD  |
|-----|--------------|-------|-------|-------|-------|-------|-------|----|-------|
| 6)  | L1 AR-1016-4 | 8.122 | 7.591 | 8.189 | 8.243 | 8.439 | 8.117 | E4 | 3.91  |
| 7)  | L1 AR-1016-5 | 1.151 | 1.054 | 1.141 | 1.172 | 1.211 | 1.146 | E5 | 5.05  |
| 8)  | L2 AR-1221-1 | 4.312 | 4.345 | 4.178 | 5.102 | 4.861 | 4.559 | E4 | 8.76  |
| 9)  | L2 AR-1221-2 | 3.081 | 3.045 | 2.947 | 3.422 | 3.550 | 3.209 | E4 | 8.15  |
| 10) | L2 AR-1221-3 | 1.043 | 1.042 | 1.004 | 1.165 | 1.211 | 1.093 | E5 | 8.19  |
| 11) | L3 AR-1232-1 | 8.753 | 7.554 | 8.008 | 9.374 | 9.831 | 8.704 | E4 | 10.79 |
| 12) | L3 AR-1232-2 | 0.987 | 0.874 | 0.925 | 1.040 | 1.069 | 0.979 | E5 | 8.20  |
| 13) | L3 AR-1232-3 | 4.938 | 4.381 | 4.604 | 5.145 | 5.001 | 4.814 | E4 | 6.50  |
| 14) | L3 AR-1232-4 | 4.402 | 3.824 | 4.079 | 4.677 | 4.648 | 4.326 | E4 | 8.54  |
| 15) | L3 AR-1232-5 | 5.009 | 4.322 | 4.623 | 5.323 | 5.585 | 4.972 | E4 | 10.28 |
| 16) | L4 AR-1242-1 | 1.362 | 1.263 | 1.329 | 1.474 | 1.521 | 1.390 | E5 | 7.63  |
| 17) | L4 AR-1242-2 | 1.868 | 1.735 | 1.806 | 1.989 | 1.996 | 1.879 | E5 | 6.08  |
| 18) | L4 AR-1242-3 | 0.953 | 0.894 | 0.932 | 1.009 | 1.018 | 0.961 | E5 | 5.44  |
| 19) | L4 AR-1242-4 | 0.943 | 0.851 | 0.902 | 1.006 | 1.042 | 0.949 | E5 | 8.08  |
| 20) | L4 AR-1242-5 | 1.355 | 1.221 | 1.293 | 1.487 | 1.598 | 1.391 | E5 | 10.89 |
| 21) | L5 AR-1248-1 | 0.980 | 0.914 | 0.922 | 1.095 | 1.159 | 1.014 | E5 | 10.75 |
| 22) | L5 AR-1248-2 | 1.221 | 1.133 | 1.151 | 1.357 | 1.379 | 1.248 | E5 | 9.16  |
| 23) | L5 AR-1248-3 | 1.259 | 1.166 | 1.184 | 1.402 | 1.431 | 1.289 | E5 | 9.51  |
| 24) | L5 AR-1248-4 | 1.559 | 1.457 | 1.480 | 1.738 | 1.759 | 1.599 | E5 | 8.91  |
| 25) | L5 AR-1248-5 | 1.674 | 1.559 | 1.582 | 1.860 | 1.969 | 1.729 | E5 | 10.35 |
| 26) | L6 AR-1254-1 | 2.722 | 2.383 | 2.577 | 2.844 | 3.075 | 2.720 | E5 | 9.64  |
| 27) | L6 AR-1254-2 | 2.426 | 2.110 | 2.282 | 2.572 | 2.807 | 2.440 | E5 | 10.96 |
| 28) | L6 AR-1254-3 | 4.041 | 3.610 | 3.882 | 4.163 | 4.468 | 4.033 | E5 | 7.92  |
| 29) | L6 AR-1254-4 | 2.705 | 2.415 | 2.591 | 2.815 | 2.960 | 2.697 | E5 | 7.73  |
| 30) | L6 AR-1254-5 | 3.704 | 3.344 | 3.561 | 3.805 | 4.005 | 3.684 | E5 | 6.77  |
| 31) | L7 AR-1260-1 | 2.262 | 2.114 | 2.254 | 2.331 | 2.442 | 2.281 | E5 | 5.26  |
| 32) | L7 AR-1260-2 | 2.860 | 2.706 | 2.883 | 2.947 | 3.071 | 2.893 | E5 | 4.59  |
| 33) | L7 AR-1260-3 | 2.562 | 2.468 | 2.607 | 2.609 | 2.687 | 2.587 | E5 | 3.10  |
| 34) | L7 AR-1260-4 | 2.258 | 2.168 | 2.288 | 2.307 | 2.378 | 2.280 | E5 | 3.36  |
| 35) | L7 AR-1260-5 | 5.907 | 5.799 | 6.092 | 5.935 | 5.984 | 5.943 | E5 | 1.80  |
| 36) | L8 AR-1262-1 | 2.054 | 1.926 | 2.019 | 2.194 | 2.244 | 2.087 | E5 | 6.23  |
| 37) | L8 AR-1262-2 | 7.880 | 7.473 | 7.851 | 8.217 | 8.124 | 7.909 | E5 | 3.66  |
| 38) | L8 AR-1262-3 | 3.287 | 3.059 | 3.052 | 3.313 | 3.406 | 3.224 | E5 | 4.95  |
| 39) | L8 AR-1262-4 | 5.847 | 5.546 | 5.786 | 6.105 | 6.184 | 5.894 | E5 | 4.36  |
| 40) | L8 AR-1262-5 | 2.799 | 2.618 | 2.732 | 2.939 | 2.992 | 2.816 | E5 | 5.41  |
| 41) | L9 AR-1268-1 | 9.330 | 8.490 | 8.935 | 9.530 | 9.928 | 9.243 | E5 | 5.98  |
| 42) | L9 AR-1268-2 | 8.693 | 8.006 | 8.353 | 8.842 | 9.141 | 8.607 | E5 | 5.11  |
| 43) | L9 AR-1268-3 | 7.230 | 6.697 | 6.972 | 7.375 | 7.730 | 7.201 | E5 | 5.46  |
| 44) | L9 AR-1268-4 | 3.142 | 2.885 | 2.988 | 3.253 | 3.416 | 3.137 | E5 | 6.71  |
| 45) | L9 AR-1268-5 | 2.354 | 2.091 | 2.245 | 2.380 | 2.417 | 2.297 | E6 | 5.73  |

(#) = Out of Range