

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ091418\  
 Data File : PQ031897.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Sep 2018 13:09  
 Operator : SM\SJ  
 Sample : AR1660CCC400  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 14 23:36:19 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ091118CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Sep 13 01:55:56 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|-----------|
| -----                       |                 |        |       |          |          |         |           |
| System Monitoring Compounds |                 |        |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 4.598  | 3.878 | 43592413 | 35044488 | 18.097  | 18.943    |
| 2)                          | SA Decachlor... | 10.456 | 8.957 | 82356573 | 75752304 | 37.763  | 38.840    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.312  | 4.561 | 19634862 | 15755612 | 332.880 | 339.254   |
| 4)                          | L1 AR-1016-2    | 5.508  | 4.977 | 19952273 | 23983040 | 330.975 | 342.997   |
| 5)                          | L1 AR-1016-3    | 5.777  | 4.997 | 28709764 | 33338055 | 340.786 | 335.768   |
| 6)                          | L1 AR-1016-4    | 5.862  | 5.054 | 25810507 | 21146103 | 335.600 | 321.459   |
| 7)                          | L1 AR-1016-5    | 6.256  | 5.431 | 21725181 | 19510428 | 326.965 | 343.876   |
| 8)                          | L2 AR-1221-1    | 4.805  | 4.092 | 1987953  | 765528   | 82.846  | 34.535 #  |
| 9)                          | L2 AR-1221-2    | 4.896  | 4.181 | 3133561  | 1939798  | 166.642 | 133.176   |
| 10)                         | L2 AR-1221-3    | 4.974  | 4.259 | 13115074 | 9534665  | 189.041 | 189.553   |
| 11)                         | L3 AR-1232-1    | 5.799  | 4.756 | 42885714 | 16019386 | 779.207 | 790.866   |
| 12)                         | L3 AR-1232-2    | 5.962  | 4.870 | 21637562 | 3985248  | 869.672 | 678.274   |
| 13)                         | L3 AR-1232-3    | 6.134  | 5.257 | 6566528  | 17258404 | 600.284 | 906.125 # |
| 14)                         | L3 AR-1232-4    | 6.467  | 5.581 | 6302316  | 19852886 | 655.217 | 812.687   |
| 15)                         | L3 AR-1232-5    | 7.330  | 6.167 | 5327530  | 690892   | 857.532 | 227.053 # |
| 16)                         | L4 AR-1242-1    | 5.342  | 4.582 | 11246100 | 7945846  | 457.799 | 447.367   |
| 17)                         | L4 AR-1242-2    | 6.096  | 5.176 | 18079988 | 18149886 | 428.471 | 483.559   |
| 18)                         | L4 AR-1242-3    | 6.297  | 5.289 | 9278802  | 5690241  | 440.405 | 475.522   |
| 19)                         | L4 AR-1242-4    | 6.343  | 5.654 | 7599629  | 4859424  | 489.024 | 473.101   |
| 20)                         | L4 AR-1242-5    | 6.398  | 6.049 | 24391240 | 301575   | 445.668 | 10.382 #  |
| 21)                         | L5 AR-1248-1    | 6.049  | 5.214 | 16973618 | 13770892 | 235.035 | 243.179   |
| 22)                         | L5 AR-1248-2    | 6.634  | 5.785 | 20286400 | 20402582 | 268.658 | 186.087 # |
| 23)                         | L5 AR-1248-3    | 6.659  | 5.827 | 7181912  | 4916215  | 71.579  | 65.429    |
| 24)                         | L5 AR-1248-4    | 6.701  | 6.003 | 6448100  | 649014   | 68.154  | 9.738 #   |
| 25)                         | L5 AR-1248-5    | 6.898  | 6.351 | 1861284  | 36737744 | 29.072  | 691.858 # |
| 26)                         | L6 AR-1254-1    | 6.851  | 5.930 | 18315331 | 14947415 | 114.487 | 145.698 # |
| 27)                         | L6 AR-1254-2    | 7.136  | 6.247 | 3587968  | 2728035  | 36.690  | 31.549    |
| 28)                         | L6 AR-1254-3    | 7.220  | 6.567 | 8537357  | 1997180  | 48.445  | 17.780 #  |
| 29)                         | L6 AR-1254-4    | 7.506  | 6.891 | 6827032  | 4758282  | 53.107  | 60.764    |
| 30)                         | L6 AR-1254-5    | 7.770  | 6.984 | 24420958 | 58455861 | 255.210 | 372.774 # |
| 31)                         | L7 AR-1260-1    | 7.384  | 6.467 | 46097942 | 43297776 | 330.937 | 349.585   |
| 32)                         | L7 AR-1260-2    | 7.640  | 6.653 | 55967472 | 51616023 | 335.689 | 343.482   |
| 33)                         | L7 AR-1260-3    | 7.926  | 6.810 | 65466897 | 49266571 | 340.388 | 354.093   |
| 34)                         | L7 AR-1260-4    | 8.232  | 7.282 | 46969339 | 40092581 | 349.943 | 356.568   |
| 35)                         | L7 AR-1260-5    | 8.564  | 7.521 | 95306327 | 99462789 | 350.681 | 361.217   |
| 36)                         | L8 AR-1262-1    | 7.278  | 6.351 | 28947673 | 36737744 | 385.374 | 549.355 # |
| 37)                         | L8 AR-1262-2    | 8.058  | 7.073 | 20454428 | 20355855 | 302.071 | 339.860   |
| 38)                         | L8 AR-1262-3    | 8.318  | 7.380 | 21882554 | 21385422 | 282.337 | 258.255   |
| 39)                         | L8 AR-1262-4    | 8.967  | 7.805 | 32658163 | 19563613 | 221.226 | 173.012   |
| 40)                         | L8 AR-1262-5    | 9.669  | 8.377 | 23381071 | 22081688 | 225.025 | 234.233   |
| 41)                         | L9 AR-1268-1    | 8.000  | 7.020 | 40155156 | 42337112 | 506.432 | 616.221   |

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Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

|        | Compound  | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|--------|-----------|--------|-------|----------|----------|---------|-----------|
| 42) L9 | AR-1268-2 | 8.232  | 7.870 | 46969339 | 69689937 | 468.017 | 197.280 # |
| 43) L9 | AR-1268-3 | 8.907  | 8.078 | 57421659 | 1519266  | 137.377 | 5.205 #   |
| 44) L9 | AR-1268-4 | 9.225  | 8.173 | 1010572  | 495929   | 3.187   | 6.638 #   |
| 45) L9 | AR-1268-5 | 10.103 | 8.685 | 9893898  | 5649828  | 9.996   | 6.093 #   |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

