

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ092718\  
 Data File : PQ032317.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Sep 2018 01:18  
 Operator : SM\SJ  
 Sample : J5120-22MSD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 28 05:35:32 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ092618CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Sep 27 08:45:59 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... | 4.605  | 3.888 | 23019955 | 16265585 | 14.969     | 14.096       |
| 2)                          | SA Decachlor... | 10.452 | 8.949 | 69587278 | 57714402 | 30.090     | 28.842       |
| Target Compounds            |                 |        |       |          |          |            |              |
| 3)                          | L1 AR-1016-1    | 5.780  | 4.982 | 103.6E6  | 89561146 | 1700.240   | 1741.630     |
| 4)                          | L1 AR-1016-2    | 5.805  | 5.002 | 122.0E6  | 73460222 | 1329.215   | 1001.214     |
| 5)                          | L1 AR-1016-3    | 5.867  | 5.181 | 48390996 | 46147570 | 846.063    | 1288.788 #   |
| 6)                          | L1 AR-1016-4    | 5.965  | 5.219 | 56525060 | 1127.7E6 | 1207.819   | 34750.502 #  |
| 7)                          | L1 AR-1016-5    | 6.260  | 5.434 | 829.3E6  | 702.9E6  | 16534.818  | 16123.811    |
| 8)                          | L2 AR-1221-1    | 4.811  | 4.100 | 2544644  | 1771689  | 175.140    | 151.944      |
| 9)                          | L2 AR-1221-2    | 4.901  | 4.189 | 3835617  | 2181660  | 360.938    | 270.622 #    |
| 10)                         | L2 AR-1221-3    | 4.979  | 4.266 | 18867213 | 15422362 | 484.211    | 504.587      |
| 11)                         | L3 AR-1232-1    | 4.979  | 4.266 | 18867213 | 15422362 | 762.170    | 787.926      |
| 12)                         | L3 AR-1232-2    | 5.513  | 5.002 | 35253813 | 73460222 | 2381.896   | 2989.812 #   |
| 13)                         | L3 AR-1232-3    | 5.805  | 5.181 | 122.0E6  | 46147570 | 3975.573   | 3972.771     |
| 14)                         | L3 AR-1232-4    | 5.965  | 5.261 | 56525060 | 406.6E6  | 3673.868   | 34091.078 #  |
| 15)                         | L3 AR-1232-5    | 6.054  | 5.434 | 1346.2E6 | 702.9E6  | 121493.991 | 50779.878 #  |
| 16)                         | L4 AR-1242-1    | 5.780  | 4.982 | 103.6E6  | 89561146 | 2099.329   | 2131.976     |
| 17)                         | L4 AR-1242-2    | 5.805  | 5.002 | 122.0E6  | 73460222 | 1605.318   | 1237.811     |
| 18)                         | L4 AR-1242-3    | 5.867  | 5.181 | 48390996 | 46147570 | 1017.724   | 1490.680 #   |
| 19)                         | L4 AR-1242-4    | 5.965  | 5.261 | 56525060 | 406.6E6  | 1462.707   | 12115.690 #  |
| 20)                         | L4 AR-1242-5    | 6.704  | 5.786 | 2401.5E6 | 5006.9E6 | 50340.611  | 107165.859 # |
| 21)                         | L5 AR-1248-1    | 5.780  | 4.982 | 103.6E6  | 89561146 | 2342.447   | 2364.479     |
| 22)                         | L5 AR-1248-2    | 6.054  | 5.219 | 1346.2E6 | 1127.7E6 | 20113.757  | 21336.970    |
| 23)                         | L5 AR-1248-3    | 6.260  | 5.261 | 829.3E6  | 406.6E6  | 10465.983  | 7393.158 #   |
| 24)                         | L5 AR-1248-4    | 6.664  | 5.434 | 3347.1E6 | 702.9E6  | 35732.959  | 10091.642 #  |
| 25)                         | L5 AR-1248-5    | 6.704  | 5.828 | 2401.5E6 | 1636.2E6 | 26775.636  | 22014.317    |
| 26)                         | L6 AR-1254-1    | 6.636  | 5.786 | 3962.8E6 | 5006.9E6 | 41263.569  | 43932.844    |
| 27)                         | L6 AR-1254-2    | 6.856  | 5.933 | 6837.5E6 | 4184.7E6 | 43984.970  | 40823.092    |
| 28)                         | L6 AR-1254-3    | 7.223  | 6.338 | 7443.5E6 | 7303.0E6 | 42223.837  | 39510.674    |
| 29)                         | L6 AR-1254-4    | 7.508  | 6.564 | 7603.3E6 | 7458.4E6 | 57978.549  | 62540.858    |
| 30)                         | L6 AR-1254-5    | 7.927  | 6.981 | 8344.5E6 | 9256.1E6 | 56087.982  | 55004.837    |
| 31)                         | L7 AR-1260-1    | 7.385  | 6.466 | 3403.2E6 | 4234.4E6 | 28767.412  | 38785.297 #  |
| 32)                         | L7 AR-1260-2    | 7.639  | 6.651 | 4819.1E6 | 3752.1E6 | 33494.637  | 27699.246    |
| 33)                         | L7 AR-1260-3    | 7.992  | 6.807 | 1400.6E6 | 3659.6E6 | 13408.913  | 29031.678 #  |
| 34)                         | L7 AR-1260-4    | 8.223  | 7.278 | 4141.0E6 | 795.9E6  | 33076.083  | 7481.894 #   |
| 35)                         | L7 AR-1260-5    | 8.563  | 7.516 | 3187.6E6 | 2459.8E6 | 12336.336  | 9257.824     |
| 36)                         | L8 AR-1262-1    | 7.992  | 6.981 | 1400.6E6 | 9256.1E6 | 8777.074   | 59169.471 #  |
| 37)                         | L8 AR-1262-2    | 8.563  | 7.516 | 3187.6E6 | 2459.8E6 | 10731.035  | 8089.930     |
| 38)                         | L8 AR-1262-3    | 8.906  | 7.800 | 2214.2E6 | 224.2E6  | 11198.562  | 1949.170 #   |
| 39)                         | L8 AR-1262-4    | 8.960  | 7.864 | 777.1E6  | 2316.8E6 | 5318.337   | 10553.087 #  |
| 40)                         | L8 AR-1262-5    | 9.667  | 8.371 | 440.2E6  | 384.0E6  | 4232.313   | 3797.913     |
| 41)                         | L9 AR-1268-1    | 8.906  | 7.800 | 2214.2E6 | 224.2E6  | 4839.304   | 495.828 #    |

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|        | Compound  | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|--------|-----------|--------|-------|----------|----------|----------|------------|
| 42) L9 | AR-1268-2 | 8.960  | 7.864 | 777.1E6  | 2316.8E6 | 1877.839 | 5713.023 # |
| 43) L9 | AR-1268-3 | 9.220  | 8.072 | 10018202 | 8621111  | 28.306   | 25.619     |
| 44) L9 | AR-1268-4 | 9.667  | 8.371 | 440.2E6  | 384.0E6  | 2883.600 | 2602.527   |
| 45) L9 | AR-1268-5 | 10.101 | 8.678 | 84861087 | 70891158 | 75.026   | 66.805     |

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

