

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ091718\  
 Data File : PQ031937.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Sep 2018 10:09  
 Operator : SM\SJ  
 Sample : AR1232 TEST  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 18 03:48:22 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... | 4.611  | 3.874 | 189.2E6  | 145.0E6  | 78.541   | 78.396     |
| 2)                          | SA Decachlor... | 10.480 | 8.961 | 398.2E6  | 352.5E6  | 182.586  | 180.754    |
| Target Compounds            |                 |        |       |          |          |          |            |
| 3)                          | L1 AR-1016-1    | 5.325  | 4.558 | 30999543 | 23911057 | 525.551  | 514.858    |
| 4)                          | L1 AR-1016-2    | 5.522  | 4.975 | 31770732 | 35367117 | 527.024  | 505.808    |
| 5)                          | L1 AR-1016-3    | 5.791  | 4.994 | 44938441 | 53152657 | 533.421  | 535.332    |
| 6)                          | L1 AR-1016-4    | 5.877  | 5.052 | 41827925 | 34852994 | 543.865  | 529.828    |
| 7)                          | L1 AR-1016-5    | 6.271  | 5.430 | 33029218 | 28106822 | 497.091  | 495.390    |
| 8)                          | L2 AR-1221-1    | 4.821  | 4.090 | 8744747  | 13590736 | 364.429  | 613.120 #  |
| 9)                          | L2 AR-1221-2    | 4.909  | 4.178 | 14533956 | 9232528  | 772.912  | 633.853    |
| 10)                         | L2 AR-1221-3    | 4.987  | 4.256 | 49048282 | 38123264 | 706.984  | 757.908    |
| 11)                         | L3 AR-1232-1    | 5.791  | 4.754 | 44938441 | 25282928 | 816.504  | 1248.201 # |
| 12)                         | L3 AR-1232-2    | 5.976  | 4.868 | 33584225 | 5458216  | 1349.840 | 928.967 #  |
| 13)                         | L3 AR-1232-3    | 6.147  | 5.255 | 8938382  | 24598013 | 817.109  | 1291.479 # |
| 14)                         | L3 AR-1232-4    | 6.482  | 5.580 | 7583938  | 31055423 | 788.460  | 1271.269 # |
| 15)                         | L3 AR-1232-5    | 7.363  | 6.161 | 5261145  | 4289589  | 846.847  | 1409.717 # |
| 16)                         | L4 AR-1242-1    | 5.356  | 4.579 | 21324874 | 14293751 | 868.079  | 804.767    |
| 17)                         | L4 AR-1242-2    | 6.112  | 5.174 | 26110499 | 28009123 | 618.783  | 746.234    |
| 18)                         | L4 AR-1242-3    | 6.314  | 5.287 | 14392115 | 7390979  | 683.101  | 617.649    |
| 19)                         | L4 AR-1242-4    | 6.357  | 5.654 | 10719189 | 7248863  | 689.763  | 705.730    |
| 20)                         | L4 AR-1242-5    | 6.414  | 6.047 | 37523298 | 18986386 | 685.612  | 653.622    |
| 21)                         | L5 AR-1248-1    | 6.064  | 5.214 | 21340209 | 18650915 | 295.500  | 329.356    |
| 22)                         | L5 AR-1248-2    | 6.648  | 5.783 | 24141859 | 32751152 | 319.716  | 298.715    |
| 23)                         | L5 AR-1248-3    | 6.648  | 5.825 | 24141859 | 28480620 | 240.611  | 379.045 #  |
| 24)                         | L5 AR-1248-4    | 6.715  | 6.001 | 35032095 | 22051537 | 370.279  | 330.864    |
| 25)                         | L5 AR-1248-5    | 6.913  | 6.338 | 22585487 | 10986292 | 352.768  | 206.898 #  |
| 26)                         | L6 AR-1254-1    | 6.875  | 5.929 | 30950650 | 7323539  | 193.469  | 71.385 #   |
| 27)                         | L6 AR-1254-2    | 7.150  | 6.248 | 7514296  | 7188000  | 76.841   | 83.127     |
| 28)                         | L6 AR-1254-3    | 7.237  | 6.565 | 10606121 | 6615370  | 60.185   | 58.893     |
| 29)                         | L6 AR-1254-4    | 7.522  | 6.884 | 8104243  | 6445720  | 63.043   | 82.313 #   |
| 30)                         | L6 AR-1254-5    | 7.799  | 6.984 | 9778481  | 2493321  | 102.190  | 15.900 #   |
| 31)                         | L7 AR-1260-1    | 7.401  | 6.456 | 1209372  | 3765490  | 8.682    | 30.402 #   |
| 32)                         | L7 AR-1260-2    | 7.652  | 6.651 | 2529667  | 1857436  | 15.173   | 12.360     |
| 33)                         | L7 AR-1260-3    | 7.942  | 6.811 | 2605743  | 1645340  | 13.548   | 11.826     |
| 34)                         | L7 AR-1260-4    | 8.247  | 7.285 | 1184196  | 1937026  | 8.823    | 17.227 #   |
| 35)                         | L7 AR-1260-5    | 8.584  | 7.522 | 2023255  | 2101755  | 7.445    | 7.633      |
| 36)                         | L8 AR-1262-1    | 7.289  | 6.338 | 1032686  | 10986292 | 13.748   | 164.283 #  |
| 37)                         | L8 AR-1262-2    | 8.070  | 7.072 | 754098   | 651330   | 11.137   | 10.875     |
| 38)                         | L8 AR-1262-3    | 8.304  | 7.384 | 82040    | 1003109  | 1.059    | 12.114 #   |
| 39)                         | L8 AR-1262-4    | 8.990  | 7.806 | 697745   | 574013   | 4.727    | 5.076      |
| 40)                         | L8 AR-1262-5    | 9.689  | 0.000 | 271911   | 0        | 2.617    | N.D. #     |
| 41)                         | L9 AR-1268-1    | 8.016  | 7.013 | 1841171  | 1023411  | 23.221   | 14.896 #   |

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|        | Compound  | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml  | ng/ml   |
|--------|-----------|--------|-------|---------|---------|--------|---------|
| 42) L9 | AR-1268-2 | 8.247  | 7.871 | 1184196 | 878564  | 11.800 | 2.487 # |
| 43) L9 | AR-1268-3 | 8.919  | 8.081 | 835596  | 984796  | 1.999  | 3.374 # |
| 44) L9 | AR-1268-4 | 9.243  | 8.175 | 1666669 | 423487  | 5.256  | 5.669   |
| 45) L9 | AR-1268-5 | 10.124 | 8.689 | 6261440 | 1854472 | 6.326  | 2.000 # |

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

