

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121919\  
 Data File : PQ045920.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Dec 2019 18:58  
 Operator : SM\AJ  
 Sample : PQ121919ICV500  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 ICVPQ121919

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 20 08:43:40 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121919.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 20 08:42:12 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 15% Max. Rel. Area : 150%

| Compound                  | AvgRF   | CCRF       | %Dev  | Area% | Dev(Min) |
|---------------------------|---------|------------|-------|-------|----------|
| 1 SA Tetrachloro-m-xylene | 3.899   | 4.267 E6   | -9.4  | 108   | 0.00     |
| 2 SA Decachlorobiphenyl   | 10.205  | 10.516 E6  | -3.0  | 104   | 0.00     |
| 3 L1 AR-1016-1            | 127.043 | 137.441 E3 | -8.2  | 107   | 0.00     |
| 4 L1 AR-1016-2            | 191.233 | 206.630 E3 | -8.1  | 107   | 0.00     |
| 5 L1 AR-1016-3            | 120.533 | 129.631 E3 | -7.5  | 107   | 0.00     |
| 6 L1 AR-1016-4            | 97.573  | 106.186 E3 | -8.8  | 107   | 0.00     |
| 7 L1 AR-1016-5            | 101.648 | 107.904 E3 | -6.2  | 106   | 0.00     |
| 31 L7 AR-1260-1           | 247.445 | 252.596 E3 | -2.1  | 103   | 0.00     |
| 32 L7 AR-1260-2           | 339.874 | 366.769 E3 | -7.9  | 105   | 0.00     |
| 33 L7 AR-1260-3           | 322.020 | 354.461 E3 | -10.1 | 108   | 0.00     |
| 34 L7 AR-1260-4           | 347.535 | 377.905 E3 | -8.7  | 110   | 0.00     |
| 35 L7 AR-1260-5           | 852.300 | 909.145 E3 | -6.7  | 105   | 0.00     |

## Signal #2

|                           |         |            |       |     |      |
|---------------------------|---------|------------|-------|-----|------|
| 1 SA Tetrachloro-m-xylene | 2.887   | 3.296 E6   | -14.2 | 110 | 0.00 |
| 2 SA Decachlorobiphenyl   | 7.017   | 7.415 E6   | -5.7  | 105 | 0.00 |
| 3 L1 AR-1016-1            | 118.982 | 133.114 E3 | -11.9 | 110 | 0.00 |
| 4 L1 AR-1016-2            | 182.668 | 201.898 E3 | -10.5 | 108 | 0.00 |
| 5 L1 AR-1016-3            | 90.712  | 102.986 E3 | -13.5 | 110 | 0.00 |
| 6 L1 AR-1016-4            | 79.815  | 90.745 E3  | -13.7 | 110 | 0.00 |
| 7 L1 AR-1016-5            | 107.714 | 118.920 E3 | -10.4 | 109 | 0.00 |
| 31 L7 AR-1260-1           | 244.775 | 266.927 E3 | -9.0  | 107 | 0.00 |
| 32 L7 AR-1260-2           | 307.363 | 337.897 E3 | -9.9  | 109 | 0.00 |
| 33 L7 AR-1260-3           | 285.790 | 313.627 E3 | -9.7  | 107 | 0.00 |
| 34 L7 AR-1260-4           | 266.840 | 289.825 E3 | -8.6  | 107 | 0.00 |
| 35 L7 AR-1260-5           | 703.578 | 772.555 E3 | -9.8  | 105 | 0.00 |

## Evaluate Continuing Calibration Report - Not Found

|                 |         |          |        |    |        |
|-----------------|---------|----------|--------|----|--------|
| 8 L2 AR-1221-1  | 37.006  | 0.000 E3 | 100.0# | 0# | -5.48# |
| 9 L2 AR-1221-2  | 28.347  | 0.000 E3 | 100.0# | 0# | -5.58# |
| 10 L2 AR-1221-3 | 84.981  | 0.000 E3 | 100.0# | 0# | -5.66# |
| 11 L3 AR-1232-1 | 144.840 | 0.000 E3 | 100.0# | 0# | -5.66# |
| 12 L3 AR-1232-2 | 71.596  | 0.000 E3 | 100.0# | 0# | -6.25# |
| 13 L3 AR-1232-3 | 143.500 | 0.000 E3 | 100.0# | 0# | -6.57# |
| 14 L3 AR-1232-4 | 73.167  | 0.000 E3 | 100.0# | 0# | -6.75# |
| 15 L3 AR-1232-5 | 55.702  | 0.000 E3 | 100.0# | 0# | -6.84# |
| 16 L4 AR-1242-1 | 97.227  | 0.000 E3 | 100.0# | 0# | -6.55# |
| 17 L4 AR-1242-2 | 144.973 | 0.000 E3 | 100.0# | 0# | -6.57# |
| 18 L4 AR-1242-3 | 93.591  | 0.000 E3 | 100.0# | 0# | -6.64# |
| 19 L4 AR-1242-4 | 75.687  | 0.000 E3 | 100.0# | 0# | -6.75# |

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Integration File signal 1: autoint1.e  
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 Quant Time: Dec 20 08:43:40 2019  
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Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 15% Max. Rel. Area : 150%

| Compound        | AvgRF   | CCRF     | %Dev   | Area% | Dev(Min) |
|-----------------|---------|----------|--------|-------|----------|
| 20 L4 AR-1242-5 | 92.085  | 0.000 E3 | 100.0# | 0#    | -7.53#   |
| 21 L5 AR-1248-1 | 84.209  | 0.000 E3 | 100.0# | 0#    | -6.55#   |
| 22 L5 AR-1248-2 | 120.134 | 0.000 E3 | 100.0# | 0#    | -6.84#   |
| 23 L5 AR-1248-3 | 136.502 | 0.000 E3 | 100.0# | 0#    | -7.06#   |
| 24 L5 AR-1248-4 | 168.402 | 0.000 E3 | 100.0# | 0#    | -7.49#   |
| 25 L5 AR-1248-5 | 161.383 | 0.000 E3 | 100.0# | 0#    | -7.53#   |
| 26 L6 AR-1254-1 | 149.819 | 0.000 E3 | 100.0# | 0#    | -7.46#   |
| 27 L6 AR-1254-2 | 249.379 | 0.000 E3 | 100.0# | 0#    | -7.69#   |
| 28 L6 AR-1254-3 | 296.166 | 0.000 E3 | 100.0# | 0#    | -8.07#   |
| 29 L6 AR-1254-4 | 264.996 | 0.000 E3 | 100.0# | 0#    | -8.37#   |
| 30 L6 AR-1254-5 | 314.996 | 0.000 E3 | 100.0# | 0#    | -8.80#   |
| 36 L8 AR-1262-1 | 478.375 | 0.000 E3 | 100.0# | 0#    | -8.88#   |
| 37 L8 AR-1262-2 | 1.009   | 0.000 E6 | 100.0# | 0#    | -9.46#   |
| 38 L8 AR-1262-3 | 734.468 | 0.000 E3 | 100.0# | 0#    | -9.79#   |
| 39 L8 AR-1262-4 | 608.276 | 0.000 E3 | 100.0# | 0#    | -9.89#   |
| 40 L8 AR-1262-5 | 463.888 | 0.000 E3 | 100.0# | 0#    | -10.59#  |
| 41 L9 AR-1268-1 | 1.336   | 0.000 E6 | 100.0# | 0#    | -9.79#   |
| 42 L9 AR-1268-2 | 1.262   | 0.000 E6 | 100.0# | 0#    | -9.89#   |
| 43 L9 AR-1268-3 | 1.067   | 0.000 E6 | 100.0# | 0#    | -10.13#  |
| 44 L9 AR-1268-4 | 555.210 | 0.000 E3 | 100.0# | 0#    | -10.59#  |
| 45 L9 AR-1268-5 | 3.941   | 0.000 E6 | 100.0# | 0#    | -11.04#  |

## Signal #2

|                 |         |          |        |    |        |
|-----------------|---------|----------|--------|----|--------|
| 8 L2 AR-1221-1  | 28.292  | 0.000 E3 | 100.0# | 0# | -4.62# |
| 9 L2 AR-1221-2  | 22.047  | 0.000 E3 | 100.0# | 0# | -4.73# |
| 10 L2 AR-1221-3 | 69.265  | 0.000 E3 | 100.0# | 0# | -4.82# |
| 11 L3 AR-1232-1 | 119.131 | 0.000 E3 | 100.0# | 0# | -4.82# |
| 12 L3 AR-1232-2 | 136.262 | 0.000 E3 | 100.0# | 0# | -5.66# |
| 13 L3 AR-1232-3 | 67.163  | 0.000 E3 | 100.0# | 0# | -5.86# |
| 14 L3 AR-1232-4 | 66.910  | 0.000 E3 | 100.0# | 0# | -5.95# |
| 15 L3 AR-1232-5 | 72.844  | 0.000 E3 | 100.0# | 0# | -6.14# |
| 16 L4 AR-1242-1 | 90.128  | 0.000 E3 | 100.0# | 0# | -5.64# |
| 17 L4 AR-1242-2 | 136.946 | 0.000 E3 | 100.0# | 0# | -5.66# |
| 18 L4 AR-1242-3 | 69.655  | 0.000 E3 | 100.0# | 0# | -5.86# |
| 19 L4 AR-1242-4 | 76.663  | 0.000 E3 | 100.0# | 0# | -5.95# |
| 20 L4 AR-1242-5 | 102.239 | 0.000 E3 | 100.0# | 0# | -6.52# |
| 21 L5 AR-1248-1 | 77.339  | 0.000 E3 | 100.0# | 0# | -5.64# |
| 22 L5 AR-1248-2 | 115.169 | 0.000 E3 | 100.0# | 0# | -5.91# |
| 23 L5 AR-1248-3 | 120.559 | 0.000 E3 | 100.0# | 0# | -5.95# |
| 24 L5 AR-1248-4 | 147.392 | 0.000 E3 | 100.0# | 0# | -6.14# |
| 25 L5 AR-1248-5 | 153.955 | 0.000 E3 | 100.0# | 0# | -6.57# |

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|-----------------|---------|----------|--------|-------|----------|
| 26 L6 AR-1254-1 | 213.104 | 0.000 E3 | 100.0# | 0#    | -6.52#   |
| 27 L6 AR-1254-2 | 198.528 | 0.000 E3 | 100.0# | 0#    | -6.68#   |
| 28 L6 AR-1254-3 | 349.685 | 0.000 E3 | 100.0# | 0#    | -7.11#   |
| 29 L6 AR-1254-4 | 229.441 | 0.000 E3 | 100.0# | 0#    | -7.35#   |
| 30 L6 AR-1254-5 | 351.939 | 0.000 E3 | 100.0# | 0#    | -7.79#   |
| 36 L8 AR-1262-1 | 190.781 | 0.000 E3 | 100.0# | 0#    | -7.78#   |
| 37 L8 AR-1262-2 | 823.228 | 0.000 E3 | 100.0# | 0#    | -8.34#   |
| 38 L8 AR-1262-3 | 319.261 | 0.000 E3 | 100.0# | 0#    | -8.63#   |
| 39 L8 AR-1262-4 | 638.054 | 0.000 E3 | 100.0# | 0#    | -8.69#   |
| 40 L8 AR-1262-5 | 310.392 | 0.000 E3 | 100.0# | 0#    | -9.21#   |
| 41 L9 AR-1268-1 | 951.373 | 0.000 E3 | 100.0# | 0#    | -8.63#   |
| 42 L9 AR-1268-2 | 915.298 | 0.000 E3 | 100.0# | 0#    | -8.69#   |
| 43 L9 AR-1268-3 | 729.216 | 0.000 E3 | 100.0# | 0#    | -8.91#   |
| 44 L9 AR-1268-4 | 334.388 | 0.000 E3 | 100.0# | 0#    | -9.21#   |
| 45 L9 AR-1268-5 | 2.825   | 0.000 E6 | 100.0# | 0#    | -9.53#   |

(#) = Out of Range

SPCC's out = 0 CCC's out = 0