

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092321\  
 Data File : PD065815.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2021 14:04  
 Operator : AR\AJ  
 Sample : M3702-09  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PT-PEST-WP

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/24/2021  
 Supervised By : mohammad ahmed 09/24/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 23 16:21:48 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092221.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 23 12:18:33 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1  | RT#2  | Resp#1    | Resp#2    | ng/ml     | ng/ml      |
|-----------------------------|-----------------|-------|-------|-----------|-----------|-----------|------------|
| -----                       |                 |       |       |           |           |           |            |
| System Monitoring Compounds |                 |       |       |           |           |           |            |
| 1)                          | SA Tetrachlo... | 3.495 | 4.014 | 18364850  | 1177.9E6  | 24.799    | 205.129 #  |
| 28)                         | SA Decachlor... | 8.241 | 9.087 | 33898245  | 93981678  | 24.817    | 24.284     |
| Target Compounds            |                 |       |       |           |           |           |            |
| 2)                          | A alpha-BHC     | 3.940 | 4.405 | 12975.3E6 | 39579.7E6 | 11553.314 | 4707.272 # |
| 3)                          | MA gamma-BHC... | 4.220 | 4.692 | 5099.8E6  | 22967.5E6 | 4547.783  | 2972.827 # |
| 4)                          | MA Heptachlor   | 4.518 | 5.198 | 3429.8E6  | 15217.8E6 | 2875.424  | 2097.343 # |
| 5)                          | MB Aldrin       | 4.766 | 5.502 | 11863.1E6 | 32875.5E6 | 10604.529 | 4886.680 # |
| 6)                          | B beta-BHC      | 4.468 | 4.870 | 2669.2E6  | 11156.5E6 | 4675.718  | 3018.646 # |
| 7)                          | B delta-BHC     | 4.673 | 5.079 | 13613.3E6 | 32771.3E6 | 12042.063 | 4553.627 # |
| 8)                          | B Heptachlo...  | 5.208 | 5.893 | 3433.2E6  | 13519.7E6 | 3066.112  | 2616.115   |
| 9)                          | A Endosulfan I  | 5.546 | 6.253 | 5521.6E6  | 16479.2E6 | 5077.195  | 2981.547 # |
| 10)                         | B gamma-Chl...  | 5.433 | 6.126 | 5358.1E6  | 18160.4E6 | 4437.213  | 3027.871 # |
| 11)                         | B alpha-Chl...  | 5.491 | 6.199 | 2544.3E6  | 10442.3E6 | 2149.341  | 1739.782   |
| 12)                         | B 4,4'-DDE      | 5.654 | 6.357 | 4281.7E6  | 16636.2E6 | 3933.544  | 2884.488 # |
| 13)                         | MA Dieldrin     | 5.790 | 6.510 | 9516.1E6  | 25065.1E6 | 8210.441  | 4253.243 # |
| 14)                         | MA Endrin       | 6.048 | 6.729 | 5976.2E6  | 16218.5E6 | 5647.769  | 3289.706 # |
| 15)                         | B Endosulfa...  | 6.320 | 6.944 | 7709.5E6  | 22240.6E6 | 7136.406  | 4591.496 # |
| 16)                         | A 4,4'-DDD      | 6.169 | 6.851 | 7944.5E6  | 25633.9E6 | 8098.823  | 5215.901m# |
| 17)                         | MA 4,4'-DDT     | 6.410 | 7.149 | 3060.6E6  | 10342.8E6 | 2780.564  | 2047.520 # |
| 18)                         | B Endrin al...  | 6.489 | 7.066 | 11900.5E6 | 26618.9E6 | 13427.672 | 6799.290 # |
| 19)                         | B Endosulfa...  | 6.699 | 7.289 | 11207.2E6 | 30880.3E6 | 9819.072  | 6260.835 # |
| 20)                         | A Methoxychlor  | 6.957 | 7.610 | 9842.0E6  | 22136.2E6 | 14402.425 | 8411.639 # |
| 21)                         | B Endrin ke...  | 7.195 | 7.762 | 11770.2E6 | 29155.3E6 | 8355.626  | 5112.338 # |
| -----                       |                 |       |       |           |           |           |            |

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

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