

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041322\  
 Data File : PL074004.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Apr 2022 13:25  
 Operator : AR\AJ  
 Sample : N2335-03MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 A350-CUMS

Manual Integrations  
**APPROVED**

Reviewed By :Abdul Mirza 04/18/2022  
 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 14 00:37:17 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 08 15:48:40 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

| Compound                    | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|--------|----------|----------|---------|---------|
| System Monitoring Compounds |        |        |          |          |         |         |
| 1) SA Tetrachlo...          | 4.639  | 5.489  | 6150244  | 36573964 | 19.034  | 20.513  |
| 28) SA Decachlor...         | 10.411 | 11.332 | 10235765 | 34673888 | 19.683  | 19.631  |
| Target Compounds            |        |        |          |          |         |         |
| 2) A alpha-BHC              | 5.347  | 6.052  | 24166645 | 155.3E6  | 57.586  | 61.679  |
| 3) MA gamma-BHC...          | 5.771  | 6.441  | 23655041 | 143.0E6  | 56.402  | 60.391  |
| 4) MA Heptachlor            | 6.182  | 7.100  | 23586762 | 144.2E6  | 52.362  | 55.299  |
| 5) MB Aldrin                | 6.506  | 7.468  | 23758374 | 144.3E6  | 57.242  | 61.427  |
| 6) B beta-BHC               | 6.151  | 6.678  | 10898375 | 62121316 | 53.338  | 55.120  |
| 7) B delta-BHC              | 6.413  | 6.946  | 24099015 | 145.7E6  | 58.256  | 59.666  |
| 8) B Heptachlo...           | 7.083  | 7.925  | 23812547 | 131.1E6  | 55.515  | 58.247  |
| 9) A Endosulfan I           | 7.486  | 8.324  | 22471876 | 111.4E6  | 54.793  | 56.607m |
| 10) B gamma-Chl...          | 7.361  | 8.192  | 24349441 | 129.8E6  | 55.518  | 58.181m |
| 11) B alpha-Chl...          | 7.431  | 8.274  | 24517058 | 123.0E6  | 55.497  | 57.124m |
| 12) B 4,4'-DDE              | 7.645  | 8.460  | 21117817 | 116.8E6  | 57.886  | 58.633  |
| 13) MA Dieldrin             | 7.773  | 8.610  | 25158875 | 119.8E6  | 58.567  | 59.739  |
| 14) MA Endrin               | 8.065  | 8.844  | 25085772 | 95160734 | 61.752  | 56.186m |
| 15) B Endosulfa...          | 8.375  | 9.068  | 23298032 | 97485186 | 56.527  | 56.115m |
| 16) A 4,4'-DDD              | 8.230  | 8.987  | 19556832 | 92737845 | 60.561  | 60.274m |
| 17) MA 4,4'-DDT             | 8.492  | 9.307  | 18609503 | 80827317 | 50.345  | 45.596  |
| 18) B Endrin al...          | 8.563  | 9.202  | 19438064 | 78883663 | 60.077  | 61.073  |
| 19) B Endosulfa...          | 8.794  | 9.439  | 23926087 | 91243205 | 56.030  | 54.823  |
| 20) A Methoxychlor          | 9.087  | 9.785  | 12197110 | 56151068 | 49.129  | 58.378m |
| 21) B Endrin ke...          | 9.312  | 9.928  | 29214337 | 100.8E6  | 59.798m | 58.226  |
| 22) Mirex                   | 9.501  | 10.405 | 24669710 | 76985128 | 52.894  | 55.891  |

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

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