

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072121\
 Data File : PL068341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2021 12:37
 Operator : AR\AJ
 Sample : M2940-09
 Misc : MDL 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
Client Sampled :
 MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED
 mohammad
 7/22/2021 10:55:50 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 01:22:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 2021
 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... | 4.645 | 5.573 | 7812193 | 18859657 | 18.202 | 18.482 |
| 28) SA Decachlor... | 10.424 | 11.498 | 10625698 | 17451745 | 18.893 | 19.565 |
| Target Compounds | | | | | | |
| 2) A alpha-BHC | 5.353 | 6.152 | 589230 | 921033 | 1.007 | 0.677 # |
| 3) MA gamma-BHC... | 5.774 | 6.549 | 473793 | 947831 | 0.833m | 0.735 |
| 4) MA Heptachlor | 6.188 | 7.199 | 485538 | 964055 | 0.797 | 0.740 |
| 5) MB Aldrin | 6.514 | 7.570 | 466534 | 877616 | 0.830 | 0.740 |
| 6) B beta-BHC | 6.153 | 6.801 | 260586 | 813794 | 0.891m | 1.152m# |
| 7) B delta-BHC | 6.415 | 7.068 | 482220 | 746348 | 0.863m | 0.609 # |
| 8) B Heptachlo... | 7.091 | 8.036 | 527855 | 872039 | 0.950 | 0.771 |
| 9) A Endosulfan I | 7.495 | 8.442 | 495906 | 862225 | 0.939 | 0.837 |
| 10) B gamma-Chl... | 7.369 | 8.305 | 622648 | 931422 | 1.085 | 0.827 |
| 11) B alpha-Chl... | 7.437 | 8.387 | 533421 | 964773 | 0.929m | 0.858 |
| 12) B 4,4'-DDE | 7.653 | 8.573 | 440626 | 763561 | 0.874 | 0.741 |
| 13) MA Dieldrin | 7.782 | 8.731 | 472950 | 1014185 | 0.879 | 0.956 |
| 14) MA Endrin | 8.071 | 8.971 | 367673 | 586735 | 0.735m | 0.656 |
| 15) B Endosulfa... | 8.382 | 9.205 | 463524 | 1107643 | 0.939 | 1.222 # |
| 16) A 4,4'-DDD | 8.237 | 9.111 | 395777 | 874892 | 0.886m | 1.027m |
| 17) MA 4,4'-DDT | 8.502 | 9.429 | 450253 | 592982 | 0.898 | 0.628m# |
| 18) B Endrin al... | 8.571 | 9.337 | 411917 | 701850 | 1.040 | 0.974m |
| 19) B Endosulfa... | 8.803 | 9.575 | 514713 | 864271 | 0.980 | 0.960 |
| 20) A Methoxychlor | 9.095 | 9.915 | 256023 | 352904 | 0.818m | 0.695 |
| 21) B Endrin ke... | 9.322 | 10.075 | 523957 | 1057568 | 0.885 | 1.060 |
| 22) Mirex | 9.512 | 10.543 | 516287 | 843628 | 1.045 | 1.090 |

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

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