Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
Data File : PL087244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Dec 2023 11:36
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_L
**ClientSampleId :**
PEM

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 12/20/2023
Supervised By :Ankita Jodhani 12/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 23:46:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 2023
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... | 3.424 | 2.680 | 57774367 | 23272904 | 15.351 | 13.826 |
| 28) | SA Decachlor... | 8.986 | 7.873 | 53737587 | 25392822 | 15.759 | 15.035 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 3.880 | 3.183 | 39124027 | 15808768 | 7.226 | 6.433m |
| 3) | MA gamma-BHC... | 4.215 | 3.514 | 38063117 | 15238956 | 7.242 | 6.291m |
| 6) | B beta-BHC | 4.414 | 3.817 | 19131956 | 7894242 | 8.330 | 7.583 |
| 12) | B 4,4'-DDE | 0.000 | 5.163 | 0 | 124504 | N.D. | 0.063 # |
| 14) | MA Endrin | 6.476 | 5.562 | 128.9E6 | 63274442 | 33.513 | 31.706 |
| 16) | A 4,4'-DDD | 6.620 | 5.722 | 1691670 | 601953 | 0.512m | 0.364 # |
| 17) | MA 4,4'-DDT | 6.939 | 5.975 | 266.4E6 | 128.3E6 | 70.840 | 69.587 |
| 18) | B Endrin al... | 6.828 | 6.043 | 3011629 | 3108887 | 1.039m | 2.118m# |
| 20) | A Methoxychlor | 7.425 | 6.562 | 348.5E6 | 167.2E6 | 178.731 | 163.663 |
| 21) | B Endrin ke... | 7.550 | 6.773 | 6195515 | 3218377 | 1.523m | 1.512 |

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

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