Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070124\
Data File : PL090410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2024 09:29
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 07/02/2024
Supervised By :Ankita Jodhani 07/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:43:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
Quant Title : GC Extractables
QLast Update : Tue Jun 25 11:05:38 2024
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... | 3.546 | 2.790 | 44623333 | 31986952 | 19.661m | 20.222 |
| 28) | SA Decachlor... | 9.064 | 7.936 | 32287909 | 30338586 | 20.936 | 20.338m |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 4.003 | 3.293 | 32688439 | 20912943 | 10.422 | 9.355m |
| 3) | MA gamma-BHC... | 4.336 | 3.624 | 31211506 | 20119061 | 10.383 | 9.410m |
| 6) | B beta-BHC | 4.530 | 3.922 | 14772552 | 10555490 | 10.967m | 10.934m |
| 12) | B 4,4'-DDE | 6.202 | 5.253 | 769222 | 401327 | 0.352 | 0.242 # |
| 14) | MA Endrin | 6.583 | 5.661 | 86254491 | 72868802 | 40.680 | 44.068 |
| 16) | A 4,4'-DDD | 6.716 | 5.806 | 4022415 | 2670209 | 2.196m | 1.948m |
| 17) | MA 4,4'-DDT | 7.032 | 6.059 | 162.0E6 | 151.1E6 | 84.435 | 102.073 |
| 18) | B Endrin al... | 6.931 | 6.133 | 3970919 | 3161950 | 2.352m | 2.483m |
| 20) | A Methoxychlor | 7.505 | 6.634 | 210.8E6 | 188.9E6 | 204.532m | 226.404 |
| 21) | B Endrin ke... | 7.649 | 6.860 | 7690847 | 6328980 | 3.546m | 3.535m |

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

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