Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122724\
Data File : PL093529.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2024 10:16
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 00:53:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 3.539 | 2.774 | 57677825 | 64691613 | 23.298 | 22.222 |
| 28) | SA Decachlor... | 9.053 | 7.911 | 44752922 | 70751622 | 24.204 | 23.695 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 3.995 | 3.277 | 41976854 | 46065465 | 12.159 | 10.598 |
| 3) | MA gamma-BHC... | 4.328 | 3.607 | 39723505 | 43137874 | 12.113 | 10.224 |
| 6) | B beta-BHC | 4.526 | 3.908 | 18466591 | 21624937 | 12.810 | 12.031 |
| 12) | B 4,4'-DDE | 6.195 | 5.233 | 431095 | 439161 | 0.192m | 0.119m# |
| 14) | MA Endrin | 6.574 | 5.639 | 108.4E6 | 179.3E6 | 50.353m | 54.185 |
| 16) | A 4,4'-DDD | 6.709 | 5.786 | 3264337 | 4142599 | 1.859m | 1.464 |
| 17) | MA 4,4'-DDT | 7.025 | 6.036 | 199.7E6 | 374.1E6 | 108.017 | 123.861 |
| 18) | B Endrin al... | 6.924 | 6.112 | 3419745 | 5989550 | 1.927 | 2.224 |
| 20) | A Methoxychlor | 7.500 | 6.611 | 249.7E6 | 437.0E6 | 249.746 | 271.498 |
| 21) | B Endrin ke... | 7.643 | 6.839 | 6730429 | 10360464 | 2.999 | 2.846 |

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

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