Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012624\
Data File : PD080916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jan 2024 09:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_D
**ClientSampleId :**
PEM

**Manual Integrations APPROVED**

Reviewed By :Abdul Mirza 01/26/2024
Supervised By :Ankita Jodhani 01/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 26 15:29:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 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 x 0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | |
| 1) | SA Tetrachlo... | 3.566 | 2.796 | 31145241 | 53925354 | 21.940 | 22.543 | |
| 28) | SA Decachlor... | 9.113 | 7.934 | 41695281 | 58272805 | 20.719 | 21.877 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 4.023 | 3.297 | 25354006 | 41823866 | 10.208 | 10.900 | |
| 3) | MA gamma-BHC... | 4.356 | 3.627 | 24901166 | 38949422 | 10.174 | 10.417 | |
| 6) | B beta-BHC | 4.550 | 3.922 | 11649534 | 19470277 | 11.513 | 12.460 | |
| 12) | B 4,4'-DDE | 6.225 | 5.255 | 248011 | 862448 | 0.122m | 0.282 | # |
| 14) | MA Endrin | 6.612 | 5.659 | 82432555 | 145.0E6 | 44.135 | 48.932 | |
| 16) | A 4,4'-DDD | 6.743 | 5.806 | 2143185 | 4104383 | 1.304 | 1.563 | |
| 17) | MA 4,4'-DDT | 7.059 | 6.057 | 173.1E6 | 294.6E6 | 97.203 | 111.046 | |
| 18) | B Endrin al... | 6.960 | 6.132 | 3598188 | 7610507 | 2.365 | 3.375 | # |
| 20) | A Methoxychlor | 7.533 | 6.631 | 225.1E6 | 364.0E6 | 218.724 | 232.556 | |
| 21) | B Endrin ke... | 7.681 | 6.859 | 7197372 | 13670057 | 3.442 | 4.236 | |

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

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