Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100623AR\
Data File : FD046679.D
Signal(s) : FID2B.ch
Acq On : 06 Oct 2023 20:23
Operator : YP/AJ
Sample : 04733-01MS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Oct 07 02:39:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
Quant Title : GC Extractables
QLast Update : Fri Sep 15 01:47:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

| | Compound | R.T. | Response | Conc Units |
|---|---|---|---|---|
| | **System Monitoring Compounds** | | | |
| 4) S | 2-Bromonaphthalene (S... | 7.491 | 9767515 | 55.426 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 110.85% |
| 6) S | 2-Flurobiphenyl (SURR) | 8.345 | 5787613 | 49.954 ug/ml |
| Spiked Amount | 50.000 Range | 0 - 131 | Recovery = | 99.91% |
| 11) S | ortho-Terphenyl (SURR) | 11.383 | 7281759 | 35.742 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 71.48% |
| | **Target Compounds** | | | |
| 1) T | 1,2,3-Trimethylbenzen... | 4.303 | 6072866 | 32.880 ug/ml |
| 2) T | Naphthalene (C11.7) | 5.829 | 6947645 | 35.955 ug/ml |
| 3) T | 2-Methylnaphthalene (... | 6.878 | 7563258 | 39.029 ug/ml |
| 5) T | Acenaphthylene (C15.06) | 8.148 | 7696058 | 43.647 ug/ml |
| 7) T | Acenaphthene (C15.5) | 8.445 | 8103789 | 43.130 ug/ml |
| 8) T | Flouorene (C16.55) | 9.223 | 8305685 | 46.043 ug/ml |
| 9) T | Phenanthrene (C19.36) | 10.613 | 8902298 | 50.632 ug/ml |
| 10) T | Anthracene (C19.43) | 10.688 | 8243278 | 53.669 ug/ml |
| 12) T | Fluoranthene (C21.85) | 12.418 | 8816874 | 51.730 ug/ml |
| 13) T | Pyrene (C20.8) | 12.713 | 8588120 | 52.351 ug/ml |
| 14) T | Benzo[a]anthracene (C... | 14.576 | 7394935 | 52.960 ug/ml |
| 15) T | Chrysene (C27.41) | 14.620 | 7348945 | 48.411 ug/ml |
| 16) T | benzo[b]fluoranthene ... | 16.120 | 6954502 | 50.701 ug/ml |
| 17) T | Bnezo[k]fluoranthene ... | 16.154 | 6572214 | 47.445 ug/ml |
| 18) T | Benzo[a]pyrene (C31.34) | 16.495 | 6164099 | 46.077 ug/ml |
| 19) T | Indeno[1,2,3-cd]pyren... | 17.855 | 6154255 | 49.097 ug/ml |
| 20) T | Dibenz[a,h]anthracene... | 17.895 | 5926577 | 44.537 ug/ml |
| 21) T | Benzo[g,h,i]perylene ... | 18.108 | 5734784 | 43.487 ug/ml |

(f)=RT Delta > 1/2 Window (m)=manual int.

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