

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040824AR\  
 Data File : FD047490.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Apr 2024 13:37  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Integration File: autoint1.e  
 Quant Time: Apr 09 01:42:01 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 01 16:48:10 2024  
 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...      | 7.456  | 3067702    | 20.520 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.04%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.309  | 1995897    | 20.427 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.85%       |
| 11) S ortho-Terphenyl (SURR)       | 11.345 | 3529038    | 20.586 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.17%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.273  | 3269031    | 20.688 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.798  | 3369866    | 20.593 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.845  | 3369376    | 20.485 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.113  | 3061623    | 20.284 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.408  | 3267830    | 20.403 ug/ml |
| 8) T Flouorene (C16.55)            | 9.185  | 3146559    | 20.340 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.574 | 3039667    | 20.430 ug/ml |
| 10) T Anthracene (C19.43)          | 10.648 | 2464578    | 18.121 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.377 | 3020345    | 20.431 ug/ml |
| 13) T Pyrene (C20.8)               | 12.670 | 2938095    | 20.358 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.535 | 2652233    | 20.167 ug/ml |
| 15) T Chrysene (C27.41)            | 14.577 | 2864848    | 20.317 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.079 | 2846075    | 20.400 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.111 | 2872811    | 20.655 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.454 | 2784929    | 20.283 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.814 | 2709364    | 20.086 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.854 | 2817032    | 20.960 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.067 | 2820293    | 20.321 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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