

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062323AR\  
 Data File : FD045947.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Jun 2023 12:57  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jun 25 05:35:15 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:44:25 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...      | 7.519  | 3632198    | 20.147 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.29%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.374  | 2325161    | 19.340 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.68%       |
| 11) S ortho-Terphenyl (SURR)       | 11.413 | 4284071    | 19.179 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.36%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.329  | 4199370    | 20.801 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.858  | 4285905    | 20.227 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.908  | 4246118    | 20.104 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.178  | 3701229    | 19.535 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.474  | 3975739    | 19.664 ug/ml |
| 8) T Fluorene (C16.55)             | 9.252  | 3815741    | 19.258 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.642 | 3591124    | 18.771 ug/ml |
| 10) T Anthracene (C19.43)          | 10.716 | 2866509    | 16.827 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.446 | 3396072    | 18.382 ug/ml |
| 13) T Pyrene (C20.8)               | 12.741 | 3283827    | 18.387 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.605 | 2994636    | 19.127 ug/ml |
| 15) T Chrysene (C27.41)            | 14.648 | 3149962    | 19.093 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.149 | 3162588    | 20.896 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.181 | 3142904    | 20.300 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.524 | 3061767    | 20.937 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.882 | 3096446    | 21.141 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.924 | 3400308    | 22.666 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.135 | 3180115    | 21.552 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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