

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051622AR\  
 Data File : FD042499.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 May 2022 8:44  
 Operator : UA/NP  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: May 17 09:10:41 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042122.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 21 17:32:22 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.332  | 2918657    | 20.823 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.65%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.185  | 1510869    | 21.204 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.41%       |
| 11) S ortho-Terphenyl (SURR)       | 11.206 | 3229713    | 18.633 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 37.27%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.155  | 3408322    | 21.893 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.677  | 3308212    | 20.971 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.722  | 2916652    | 20.170 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.982  | 3182051    | 19.308 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.274  | 3554953    | 18.935 ug/ml |
| 8) T Flouorene (C16.55)            | 9.054  | 3036320    | 19.934 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.441 | 2738129    | 18.440 ug/ml |
| 10) T Anthracene (C19.43)          | 10.517 | 2882416    | 17.218 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.244 | 2756431    | 17.573 ug/ml |
| 13) T Pyrene (C20.8)               | 12.536 | 2825215    | 17.321 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.409 | 2269033    | 18.969 ug/ml |
| 15) T Chrysene (C27.41)            | 14.449 | 3119466    | 17.003 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.958 | 2551786    | 19.435 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 15.988 | 3052543    | 17.656 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.339 | 2756577    | 18.683 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.707 | 2078350    | 20.823 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.743 | 3127906    | 19.928 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.956 | 2692327    | 19.441 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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