

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG092024AR\  
 Data File : FG014327.D  
 Signal(s) : FID1A.ch  
 Acq On : 21 Sep 2024 02:44  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/23/2024  
 Supervised By :Ankita Jodhani 09/23/2024

Integration File: autoint1.e  
 Quant Time: Sep 21 03:18:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 090424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 04 11:28:29 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...      | 7.871  | 2299908    | 20.557 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.11%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.744  | 1466210    | 20.138 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.28%        |
| 11) S ortho-Terphenyl (SURR)       | 11.810 | 2706676    | 20.080 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 40.16%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.473  | 2620427    | 20.355 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.142  | 2610431    | 20.694 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.241  | 2739131    | 21.506 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.541  | 2604612    | 20.039 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.840  | 2788883    | 20.138 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.633  | 2650386    | 20.447 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.041 | 2393861    | 19.807 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.116 | 2832967    | 20.420 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.865 | 2655252    | 20.482 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.161 | 2681920    | 20.539 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.046 | 2211581    | 19.441 ug/mlm |
| 15) T Chrysene (C27.41)            | 15.088 | 2958316    | 20.927 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.606 | 2095638    | 18.284 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.637 | 2752315    | 20.468 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.990 | 2516077    | 20.249 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.364 | 1695760    | 17.155 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.404 | 3583692    | 24.343 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.618 | 2680881    | 20.512 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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