

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF101524AR\  
 Data File : FF014690.D  
 Signal(s) : FID2B.ch  
 Acq On : 15 Oct 2024 15:59  
 Operator : YP\AJ  
 Sample : P4368-07  
 Misc : 4 PPM WATER LOD  
 ALS Vial : 67 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024  
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e  
 Quant Time: Oct 16 02:26:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 093024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 01 11:02:50 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...      | 7.856  | 6722054    | 62.691 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 125.38%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.726  | 3701595    | 59.906 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 119.81%      |
| 11) S ortho-Terphenyl (SURR)       | 11.788 | 7338299    | 53.601 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 107.20%      |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.470  | 431152     | 3.279 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.138  | 411484     | 3.199 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.234  | 482198     | 3.829 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.528  | 504788     | 3.905 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.824  | 680504     | 4.989 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.619  | 448526     | 3.755 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.022 | 432125     | 3.752 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.100 | 485126     | 4.104 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.836 | 533400     | 4.361 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.130 | 528887     | 4.260 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.017 | 295159     | 3.345 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.057 | 805390     | 5.605 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.571 | 330195     | 3.417 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.604 | 637445     | 4.691 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.961 | 360807     | 3.291 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.353 | 295969     | 4.617 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.401 | 393848     | 3.734 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.573 | 448993     | 3.694 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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