

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102224AR\
 Data File : FG014488.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 12:50
 Operator : YP\AJ
 Sample : P4368-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e
 Quant Time: Oct 23 02:43:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:38:07 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...	8.035	7241348	57.684 ug/ml
Spiked Amount 50.000		Recovery =	115.37%
6) S 2-Fluorobiphenyl (SURR)	8.910	4479822	52.009 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.02%
11) S ortho-Terphenyl (SURR)	11.982	7604154	51.359 ug/ml
Spiked Amount 50.000		Recovery =	102.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.636	458123	3.381 ug/ml
2) T Naphthalene (C11.7)	6.307	535829	3.734 ug/ml
3) T 2-Methylnaphthalene (...)	7.404	556289	3.809 ug/ml
5) T Acenaphthylene (C15.06)	8.707	566083	3.888 ug/mlm
7) T Acenaphthene (C15.5)	9.007	548746	3.792 ug/ml
8) T Fluorene (C16.55)	9.796	579223	3.998 ug/ml
9) T Phenanthrene (C19.36)	11.204	593690	4.034 ug/ml
10) T Anthracene (C19.43)	11.278	595370	4.246 ug/ml
12) T Fluoranthene (C21.85)	13.025	620795	4.198 ug/ml
13) T Pyrene (C20.8)	13.324	628075	4.272 ug/ml
14) T Benzo[a]anthracene (C...	15.202	637264	4.400 ug/ml
15) T Chrysene (C27.41)	15.243	642362	4.379 ug/mlm
16) T benzo[b]fluoranthene ...	16.757	623783	4.241 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.788	639399	4.633 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.136	596826	4.185 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.503	617920	4.630 ug/ml
20) T Dibenz[a,h]anthracene...	18.546	691459	4.955 ug/ml
21) T Benzo[g,h,i]perylene ...	18.758	563888	4.053 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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