

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012925AR\
 Data File : FG015222.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 15:59
 Operator : YP\AJ
 Sample : Q1168-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 02:55:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 2025
 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...	7.984	6986440	52.927 ug/mlm
Spiked Amount 50.000		Recovery =	105.85%
6) S 2-Fluorobiphenyl (SURR)	8.859	4571878	54.164 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.33%
11) S ortho-Terphenyl (SURR)	11.939	6641863	38.583 ug/ml
Spiked Amount 50.000		Recovery =	77.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.572	544398	3.394 ug/ml
2) T Naphthalene (C11.7)	6.249	618292	3.856 ug/ml
3) T 2-Methylnaphthalene (...)	7.349	644553	4.053 ug/mlm
5) T Acenaphthylene (C15.06)	8.656	652801	4.108 ug/ml
7) T Acenaphthene (C15.5)	8.956	636539	3.904 ug/ml
8) T Fluorene (C16.55)	9.748	640438	4.067 ug/ml
9) T Phenanthrene (C19.36)	11.158	644553	4.037 ug/ml
10) T Anthracene (C19.43)	11.234	640061	4.335 ug/ml
12) T Fluoranthene (C21.85)	12.985	645778	3.904 ug/ml
13) T Pyrene (C20.8)	13.283	656731	4.054 ug/ml
14) T Benzo[a]anthracene (C...	15.168	602786	4.041 ug/mlm
15) T Chrysene (C27.41)	15.209	634040	4.082 ug/mlm
16) T benzo[b]fluoranthene ...	16.729	606926	4.101 ug/ml
17) T Bnezo[k]fluoranthene ...	16.759	641313	4.536 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.109	588190	4.140 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.480	623736	4.950 ug/mlm
20) T Dibenz[a,h]anthracene...	18.525	691627	4.675 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.736	582251	4.313 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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