

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012925AR\
 Data File : FG015220.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jan 2025 15:01
 Operator : YP\AJ
 Sample : Q1168-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-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 02:55:12 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...	7.983	7184517	54.428 ug/ml
Spiked Amount 50.000		Recovery =	108.86%
6) S 2-Fluorobiphenyl (SURR)	8.860	4902771	58.084 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.17%
11) S ortho-Terphenyl (SURR)	11.938	6712557	38.994 ug/ml
Spiked Amount 50.000		Recovery =	77.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.573	296818	1.850 ug/ml
2) T Naphthalene (C11.7)	6.250	337408	2.104 ug/ml
3) T 2-Methylnaphthalene (...)	7.350	342932	2.157 ug/ml
5) T Acenaphthylene (C15.06)	8.656	349559	2.200 ug/ml
7) T Acenaphthene (C15.5)	8.956	340525	2.088 ug/ml
8) T Fluorene (C16.55)	9.748	335692	2.132 ug/ml
9) T Phenanthrene (C19.36)	11.158	328967	2.060 ug/ml
10) T Anthracene (C19.43)	11.233	322741	2.186 ug/ml
12) T Fluoranthene (C21.85)	12.984	327561	1.980 ug/ml
13) T Pyrene (C20.8)	13.283	332549	2.053 ug/ml
14) T Benzo[a]anthracene (C...	15.168	302244	2.026 ug/mlm
15) T Chrysene (C27.41)	15.209	312961	2.015 ug/mlm
16) T benzo[b]fluoranthene ...	16.728	305398	2.064 ug/ml
17) T Bnezo[k]fluoranthene ...	16.758	329456	2.330 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.110	296739	2.089 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.481	298438	2.368 ug/mlm
20) T Dibenz[a,h]anthracene...	18.525	361103	2.441 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.736	281916	2.088 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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