

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AR\
 Data File : FF015357.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 11:42
 Operator : YP\AJ
 Sample : Q1168-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_F
 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 02:45:40 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...	7.992	7274665	55.111 ug/ml
Spiked Amount 50.000		Recovery =	110.22%
6) S 2-Fluorobiphenyl (SURR)	8.865	4547670	53.877 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.75%
11) S ortho-Terphenyl (SURR)	11.930	6950226	40.375 ug/ml
Spiked Amount 50.000		Recovery =	80.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	583426	3.637 ug/ml
2) T Naphthalene (C11.7)	6.268	651306	4.062 ug/mlm
3) T 2-Methylnaphthalene (...)	7.363	660689	4.155 ug/ml
5) T Acenaphthylene (C15.06)	8.663	669280	4.212 ug/ml
7) T Acenaphthene (C15.5)	8.961	687805	4.218 ug/ml
8) T Flouorene (C16.55)	9.750	634222	4.028 ug/mlm
9) T Phenanthrene (C19.36)	11.155	611288	3.829 ug/ml
10) T Anthracene (C19.43)	11.230	598059	4.051 ug/ml
12) T Fluoranthene (C21.85)	12.976	650396	3.931 ug/ml
13) T Pyrene (C20.8)	13.274	652952	4.031 ug/ml
14) T Benzo[a]anthracene (C...	15.153	533805	3.578 ug/mlm
15) T Chrysene (C27.41)	15.196	672515	4.330 ug/ml
16) T benzo[b]fluoranthene ...	16.712	552122	3.731 ug/ml
17) T Bnezo[k]fluoranthene ...	16.743	584285	4.132 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.093	549755	3.869 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.464	517725	4.109 ug/mlm
20) T Dibenz[a,h]anthracene...	18.509	594702	4.020 ug/ml
21) T Benzo[g,h,i]perylene ...	18.716	561440	4.159 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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