

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012825AR\
 Data File : FD048971.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 18:07
 Operator : YP/AJ
 Sample : Q1168-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
 Quant Time: Jan 29 07:50:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 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...	7.358	7445680	52.316 ug/ml
Spiked Amount 50.000		Recovery =	104.63%
6) S 2-Fluorobiphenyl (SURR)	8.208	4602587	54.092 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.18%
11) S ortho-Terphenyl (SURR)	11.243	7329618	44.570 ug/ml
Spiked Amount 50.000		Recovery =	89.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	488442	3.169 ug/ml
2) T Naphthalene (C11.7)	5.713	469610	3.004 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	508947	3.281 ug/ml
5) T Acenaphthylene (C15.06)	8.018	572550	3.501 ug/ml
7) T Acenaphthene (C15.5)	8.305	701844	4.179 ug/ml
8) T Fluorene (C16.55)	9.100	536356	3.429 ug/mlm
9) T Phenanthrene (C19.36)	10.488	507785	3.334 ug/ml
10) T Anthracene (C19.43)	10.572	503339	3.304 ug/ml
12) T Fluoranthene (C21.85)	12.298	573547	3.646 ug/mlm
13) T Pyrene (C20.8)	12.586	527751	3.350 ug/ml
14) T Benzo[a]anthracene (C...	14.471	255658	1.987 ug/ml
15) T Chrysene (C27.41)	14.504	477802	2.826 ug/mlm
16) T benzo[b]fluoranthene ...	16.017	357597	2.617 ug/ml
17) T Bnezo[k]fluoranthene ...	16.052	630478	3.893 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.418	358598	2.577 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.793	289418	2.775 ug/ml
20) T Dibenz[a,h]anthracene...	17.847	419101	2.936 ug/ml
21) T Benzo[g,h,i]perylene ...	18.017	420347	2.947 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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