

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF012925AR\  
 Data File : FF015355.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Jan 2025 10:45  
 Operator : YP\AJ  
 Sample : Q1168-07  
 Misc : 2.5 PPM WATER LOD  
 ALS Vial : 65 Sample Multiplier: 1

**Instrument :**  
 FID\_F  
**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 02:44:45 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
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System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.992	7466633	56.565 ug/ml
Spiked Amount 50.000		Recovery =	113.13%
6) S 2-Fluorobiphenyl (SURR)	8.866	4921783	58.309 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.62%
11) S ortho-Terphenyl (SURR)	11.930	7058216	41.002 ug/ml
Spiked Amount 50.000		Recovery =	82.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	320199	1.996 ug/ml
2) T Naphthalene (C11.7)	6.269	352157	2.196 ug/mlm
3) T 2-Methylnaphthalene (...)	7.364	357056	2.245 ug/mlm
5) T Acenaphthylene (C15.06)	8.663	359525	2.263 ug/ml
7) T Acenaphthene (C15.5)	8.961	395924	2.428 ug/ml
8) T Flouorene (C16.55)	9.751	334347	2.123 ug/mlm
9) T Phenanthrene (C19.36)	11.157	306382	1.919 ug/ml
10) T Anthracene (C19.43)	11.232	294257	1.993 ug/ml
12) T Fluoranthene (C21.85)	12.977	331950	2.007 ug/ml
13) T Pyrene (C20.8)	13.275	326423	2.015 ug/ml
14) T Benzo[a]anthracene (C...	15.158	230623	1.546 ug/ml
15) T Chrysene (C27.41)	15.197	366011	2.356 ug/mlm
16) T benzo[b]fluoranthene ...	16.713	272740	1.843 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.746	297436	2.104 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.098	267182	1.880 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.470	208198	1.652 ug/mlm
20) T Dibenz[a,h]anthracene...	18.515	332696	2.249 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.720	258710	1.916 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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