

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AR\
 Data File : FG016637.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 09:20
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 25 12:38:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 092525.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 25 12:34:32 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...	8.097	11667116	96.559 ug/ml
Spiked Amount 50.000		Recovery =	193.12%
6) S 2-Fluorobiphenyl (SURR)	8.981	7960037	97.288 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	194.58%#
11) S ortho-Terphenyl (SURR)	12.064	13444838	93.143 ug/ml
Spiked Amount 50.000		Recovery =	186.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.681	12900474	94.794 ug/ml
2) T Naphthalene (C11.7)	6.364	13681034	94.733 ug/ml
3) T 2-Methylnaphthalene (...)	7.469	13705597	96.199 ug/ml
5) T Acenaphthylene (C15.06)	8.781	13447718	96.186 ug/ml
7) T Acenaphthene (C15.5)	9.084	13598089	92.515 ug/ml
8) T Fluorene (C16.55)	9.878	13269475	94.479 ug/ml
9) T Phenanthrene (C19.36)	11.296	13033717	95.579 ug/ml
10) T Anthracene (C19.43)	11.373	12527388	89.841 ug/ml
12) T Fluoranthene (C21.85)	13.132	12994506	93.229 ug/ml
13) T Pyrene (C20.8)	13.434	12680078	91.899 ug/ml
14) T Benzo[a]anthracene (C...	15.328	12095626	97.265 ug/ml
15) T Chrysene (C27.41)	15.376	12716546	90.341 ug/ml
16) T benzo[b]fluoranthene ...	16.900	12066412	98.996 ug/ml
17) T Bnezo[k]fluoranthene ...	16.938	11533930	90.413 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.286	11619967	94.627 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.666	9754194	107.770 ug/ml
20) T Dibenz[a,h]anthracene...	18.705	12017488	83.671 ug/ml
21) T Benzo[g,h,i]perylene ...	18.926	10655106	92.865 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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