

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AR\
 Data File : FG016638.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 09:49
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 25 12:40:24 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...	8.093	5787204	48.577 ug/ml
Spiked Amount 50.000		Recovery =	97.15%
6) S 2-Fluorobiphenyl (SURR)	8.976	3949076	48.830 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.66%
11) S ortho-Terphenyl (SURR)	12.058	6802152	48.045 ug/ml
Spiked Amount 50.000		Recovery =	96.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.678	6441740	48.191 ug/ml
2) T Naphthalene (C11.7)	6.360	6833929	48.181 ug/ml
3) T 2-Methylnaphthalene (...)	7.464	6795602	48.441 ug/ml
5) T Acenaphthylene (C15.06)	8.775	6703380	48.612 ug/ml
7) T Acenaphthene (C15.5)	9.077	6932683	48.075 ug/ml
8) T Fluorene (C16.55)	9.871	6678283	48.339 ug/ml
9) T Phenanthrene (C19.36)	11.288	6505663	48.448 ug/ml
10) T Anthracene (C19.43)	11.364	6430423	47.342 ug/ml
12) T Fluoranthene (C21.85)	13.123	6586566	48.136 ug/ml
13) T Pyrene (C20.8)	13.425	6583830	48.454 ug/ml
14) T Benzo[a]anthracene (C...	15.319	5981401	48.716 ug/ml
15) T Chrysene (C27.41)	15.364	6564655	47.706 ug/ml
16) T benzo[b]fluoranthene ...	16.890	5931129	49.099 ug/ml
17) T Bnezo[k]fluoranthene ...	16.924	6066327	47.386 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.273	5854774	48.428 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.654	4209911	47.620 ug/ml
20) T Dibenz[a,h]anthracene...	18.692	6865023	48.510 ug/ml
21) T Benzo[g,h,i]perylene ...	18.911	5441389	48.253 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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