

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AR\
 Data File : FG016438.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 14:28
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2025
 Supervised By :mohammad ahmed 08/30/2025

Integration File: autoint1.e
 Quant Time: Aug 29 04:54:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 082825.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 04:51:23 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...	8.114	10059140	94.215 ug/ml
Spiked Amount 50.000		Recovery =	188.43%
6) S 2-Fluorobiphenyl (SURR)	8.999	6910411	95.397 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	190.79%#
11) S ortho-Terphenyl (SURR)	12.084	11777283	93.538 ug/ml
Spiked Amount 50.000		Recovery =	187.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.697	11141641	93.725 ug/ml
2) T Naphthalene (C11.7)	6.381	11816055	94.524 ug/ml
3) T 2-Methylnaphthalene (...)	7.486	11908968	95.503 ug/ml
5) T Acenaphthylene (C15.06)	8.799	11741595	94.724 ug/ml
7) T Acenaphthene (C15.5)	9.102	11749045	92.384 ug/ml
8) T Flouorene (C16.55)	9.897	11557617	94.213 ug/ml
9) T Phenanthrene (C19.36)	11.316	11522062	94.866 ug/ml
10) T Anthracene (C19.43)	11.393	11163319	92.525 ug/ml
12) T Fluoranthene (C21.85)	13.153	11395101	94.049 ug/ml
13) T Pyrene (C20.8)	13.456	11265423	94.205 ug/ml
14) T Benzo[a]anthracene (C...	15.350	10737435	94.656 ug/ml
15) T Chrysene (C27.41)	15.398	10827224	91.858 ug/ml
16) T benzo[b]fluoranthene ...	16.924	11087039	96.023 ug/ml
17) T Bnezo[k]fluoranthene ...	16.964	10012584	89.049 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.311	10667206	92.392 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.696	10289132	99.399 ug/ml
20) T Dibenz[a,h]anthracene...	18.734	10115175	79.509 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.959	10746735	87.475 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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