

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AR\
 Data File : FG016082.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 19:57
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e
 Quant Time: Jun 16 05:20:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 05:20:17 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...	8.134	10594449	96.034 ug/ml
Spiked Amount 50.000		Recovery =	192.07%
6) S 2-Fluorobiphenyl (SURR)	9.017	7320471	95.982 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	191.96%#
11) S ortho-Terphenyl (SURR)	12.101	12458465	95.436 ug/ml
Spiked Amount 50.000		Recovery =	190.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.721	11521758	96.216 ug/ml
2) T Naphthalene (C11.7)	6.402	12206801	96.346 ug/ml
3) T 2-Methylnaphthalene (...)	7.506	12411389	96.107 ug/ml
5) T Acenaphthylene (C15.06)	8.818	12268825	95.934 ug/ml
7) T Acenaphthene (C15.5)	9.121	12234394	95.949 ug/ml
8) T Fluorene (C16.55)	9.914	12214938	95.633 ug/ml
9) T Phenanthrene (C19.36)	11.331	12198685	95.336 ug/ml
10) T Anthracene (C19.43)	11.409	12170722	94.957 ug/ml
12) T Fluoranthene (C21.85)	13.166	12243502	95.015 ug/ml
13) T Pyrene (C20.8)	13.469	12131339	95.040 ug/ml
14) T Benzo[a]anthracene (C...	15.359	11953679	94.895 ug/ml
15) T Chrysene (C27.41)	15.408	12014722	94.589 ug/ml
16) T benzo[b]fluoranthene ...	16.927	12037205	95.724 ug/ml
17) T Bnezo[k]fluoranthene ...	16.967	11125549	93.875 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.315	11645351	94.906 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.694	11070778	98.797 ug/ml
20) T Dibenz[a,h]anthracene...	18.734	10879311	91.743 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.959	11151992	94.855 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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