

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AR\
 Data File : FG016858.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 22:03
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2025
 Supervised By :mohammad ahmed 10/31/2025

Integration File: autoint1.e
 Quant Time: Oct 30 05:28:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 05:27:38 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...	8.080	10976446	100.640 ug/ml
Spiked Amount 50.000		Recovery =	201.28%
6) S 2-Fluorobiphenyl (SURR)	8.964	7318070	120.855 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	241.71%#
11) S ortho-Terphenyl (SURR)	12.046	13262731	91.605 ug/ml
Spiked Amount 50.000		Recovery =	183.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.665	12151927	92.512 ug/ml
2) T Naphthalene (C11.7)	6.348	12963206	96.244 ug/ml
3) T 2-Methylnaphthalene (...)	7.452	12835065	105.064 ug/ml
5) T Acenaphthylene (C15.06)	8.764	12769067	105.747 ug/ml
7) T Acenaphthene (C15.5)	9.066	13323068	96.768 ug/ml
8) T Flouorene (C16.55)	9.860	12703019	101.843 ug/ml
9) T Phenanthrene (C19.36)	11.278	12381212	104.089 ug/ml
10) T Anthracene (C19.43)	11.355	12791881	91.441 ug/ml
12) T Fluoranthene (C21.85)	13.115	12868556	94.077 ug/ml
13) T Pyrene (C20.8)	13.416	12599314	89.374 ug/ml
14) T Benzo[a]anthracene (C...	15.310	11658171	109.274 ug/ml
15) T Chrysene (C27.41)	15.358	13331686	83.826 ug/ml
16) T benzo[b]fluoranthene ...	16.883	11743132	107.399 ug/ml
17) T Bnezo[k]fluoranthene ...	16.923	11367352	78.368 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.269	11529185	103.479 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.650	9313953	121.716 ug/ml
20) T Dibenz[a,h]anthracene...	18.688	11910502	80.933 ug/ml
21) T Benzo[g,h,i]perylene ...	18.910	10773893	90.150 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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