

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090425AR\
 Data File : FD049718.D
 Signal(s) : FID2B.ch
 Acq On : 04 Sep 2025 09:36
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/05/2025
 Supervised By :mohammad ahmed 09/08/2025

Integration File: autoint1.e
 Quant Time: Sep 05 06:20:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:18:55 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...	7.703	11112746	98.565 ug/ml
Spiked Amount 50.000		Recovery =	197.13%
6) S 2-Fluorobiphenyl (SURR)	8.569	7949975	98.006 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	196.01%#
11) S ortho-Terphenyl (SURR)	11.617	13622959	95.092 ug/ml
Spiked Amount 50.000		Recovery =	190.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.491	10441049	97.009 ug/ml
2) T Naphthalene (C11.7)	6.037	12262247	98.452 ug/ml
3) T 2-Methylnaphthalene (...)	7.093	12922112	98.860 ug/ml
5) T Acenaphthylene (C15.06)	8.373	13531887	97.031 ug/ml
7) T Acenaphthene (C15.5)	8.672	13530461	96.977 ug/ml
8) T Flouorene (C16.55)	9.453	13563710	96.723 ug/ml
9) T Phenanthrene (C19.36)	10.853	13732189	96.729 ug/ml
10) T Anthracene (C19.43)	10.930	12946823	96.523 ug/ml
12) T Fluoranthene (C21.85)	12.668	13257933	97.088 ug/ml
13) T Pyrene (C20.8)	12.967	13102659	97.119 ug/ml
14) T Benzo[a]anthracene (C...	14.839	11657187	96.783 ug/ml
15) T Chrysene (C27.41)	14.887	11738473	96.196 ug/ml
16) T benzo[b]fluoranthene ...	16.393	11363538	94.070 ug/ml
17) T Bnezo[k]fluoranthene ...	16.433	10483846	91.683 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.775	10977142	92.154 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.141	10414194	93.978 ug/ml
20) T Dibenz[a,h]anthracene...	18.181	10061727	85.544 ug/ml
21) T Benzo[g,h,i]perylene ...	18.403	10749985	90.198 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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