

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052425AR\
 Data File : FD049394.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 14:50
 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 05/27/2025
 Supervised By :mohammad ahmed 05/28/2025

Integration File: autoint1.e
 Quant Time: May 27 03:02:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:01:40 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...	7.745	16840933	99.064 ug/ml
Spiked Amount 50.000		Recovery =	198.13%
6) S 2-Fluorobiphenyl (SURR)	8.613	11672568	99.598 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.20%#
11) S ortho-Terphenyl (SURR)	11.660	19768043	95.769 ug/ml
Spiked Amount 50.000		Recovery =	191.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	15937594	97.830 ug/ml
2) T Naphthalene (C11.7)	6.080	17827127	99.493 ug/ml
3) T 2-Methylnaphthalene (...)	7.136	18177404	99.720 ug/ml
5) T Acenaphthylene (C15.06)	8.417	19487572	98.301 ug/ml
7) T Acenaphthene (C15.5)	8.716	19109276	98.186 ug/ml
8) T Fluorene (C16.55)	9.497	19673567	98.045 ug/ml
9) T Phenanthrene (C19.36)	10.897	19103598	97.493 ug/ml
10) T Anthracene (C19.43)	10.974	17836442	99.127 ug/ml
12) T Fluoranthene (C21.85)	12.714	18198036	97.497 ug/mlm
13) T Pyrene (C20.8)	13.014	17925100	97.154 ug/ml
14) T Benzo[a]anthracene (C...	14.884	15566691	99.220 ug/ml
15) T Chrysene (C27.41)	14.933	15430910	98.422 ug/ml
16) T benzo[b]fluoranthene ...	16.437	14472859	97.485 ug/ml
17) T Bnezo[k]fluoranthene ...	16.478	14258865	96.600 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.821	13463550	96.418 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.187	12939061	99.227 ug/ml
20) T Dibenz[a,h]anthracene...	18.227	12789635	92.535 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.450	13232275	95.704 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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