

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032625AR\
 Data File : FD049191.D
 Signal(s) : FID2B.ch
 Acq On : 26 Mar 2025 10:26
 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 03/27/2025
 Supervised By :mohammad ahmed 03/28/2025

Integration File: autoint1.e
 Quant Time: Mar 26 13:20:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:15:41 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...	7.334	18130835	97.581 ug/ml
Spiked Amount 50.000		Recovery =	195.16%
6) S 2-Fluorobiphenyl (SURR)	8.184	11833860	116.769 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	233.54%#
11) S ortho-Terphenyl (SURR)	11.218	19977836	95.941 ug/ml
Spiked Amount 50.000		Recovery =	191.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.159	19678930	99.939 ug/ml
2) T Naphthalene (C11.7)	5.675	20327884	100.092 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	19864792	99.056 ug/ml
5) T Acenaphthylene (C15.06)	7.988	20280201	96.746 ug/ml
7) T Acenaphthene (C15.5)	8.283	19859757	94.773 ug/ml
8) T Fluorene (C16.55)	9.062	20028148	98.339 ug/ml
9) T Phenanthrene (C19.36)	10.449	19495274	100.674 ug/ml
10) T Anthracene (C19.43)	10.525	19013890	98.075 ug/ml
12) T Fluoranthene (C21.85)	12.255	19459259	97.520 ug/ml
13) T Pyrene (C20.8)	12.547	19268440	94.151 ug/ml
14) T Benzo[a]anthracene (C...	14.418	18004135	107.327 ug/ml
15) T Chrysene (C27.41)	14.463	18238308	90.310 ug/ml
16) T benzo[b]fluoranthene ...	15.967	17023629	96.553 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	16989152	83.337 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.343	15722681	97.441 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.711	13234318	123.201 ug/ml
20) T Dibenz[a,h]anthracene...	17.746	14013002	84.048 ug/ml
21) T Benzo[g,h,i]perylene ...	17.965	14406668	83.897 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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