

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062525AR\
 Data File : FD049522.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jun 2025 17:18
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2025
 Supervised By :mohammad ahmed 06/27/2025

Integration File: autoint1.e
 Quant Time: Jun 26 05:37:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 15:23:20 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...	7.735	2553799	20.029 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
6) S 2-Fluorobiphenyl (SURR)	8.599	1845361	20.783 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.57%
11) S ortho-Terphenyl (SURR)	11.645	3185364	20.086 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	2457597	21.160 ug/ml
2) T Naphthalene (C11.7)	6.072	2761266	20.572 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	2788688	19.738 ug/ml
5) T Acenaphthylene (C15.06)	8.404	3006017	19.228 ug/ml
7) T Acenaphthene (C15.5)	8.699	2961291	19.765 ug/ml
8) T Flouorene (C16.55)	9.480	3121340	20.290 ug/ml
9) T Phenanthrene (C19.36)	10.878	3187557	20.002 ug/ml
10) T Anthracene (C19.43)	10.952	2535730	16.151 ug/ml
12) T Fluoranthene (C21.85)	12.692	3271092	20.658 ug/ml
13) T Pyrene (C20.8)	12.990	3305040	20.890 ug/ml
14) T Benzo[a]anthracene (C...	14.862	3061786	20.746 ug/ml
15) T Chrysene (C27.41)	14.905	3135084	21.033 ug/ml
16) T benzo[b]fluoranthene ...	16.412	2987765	21.263 ug/ml
17) T Bnezo[k]fluoranthene ...	16.445	2924122	22.016 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.790	2623709	19.191 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.154	2491662	20.351 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	2997436	23.406 ug/ml
21) T Benzo[g,h,i]perylene ...	18.409	2610095	20.419 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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