

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022825AR\
 Data File : FD049129.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2025 10:23
 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 03/03/2025
 Supervised By :Ankita Jodhani 03/04/2025

Integration File: autoint1.e
 Quant Time: Mar 01 02:16:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 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...	7.353	2766220	19.329 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
6) S 2-Fluorobiphenyl (SURR)	8.205	1579167	17.963 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.93%
11) S ortho-Terphenyl (SURR)	11.233	3098268	19.152 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3087214	19.386 ug/ml
2) T Naphthalene (C11.7)	5.694	3073038	19.353 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	3030795	19.466 ug/ml
5) T Acenaphthylene (C15.06)	8.004	3126284	19.226 ug/ml
7) T Acenaphthene (C15.5)	8.296	3245153	19.726 ug/ml
8) T Fluorene (C16.55)	9.078	3004154	19.056 ug/ml
9) T Phenanthrene (C19.36)	10.464	2861190	18.986 ug/ml
10) T Anthracene (C19.43)	10.542	2864021	18.963 ug/ml
12) T Fluoranthene (C21.85)	12.269	2912936	18.877 ug/ml
13) T Pyrene (C20.8)	12.561	2912549	18.905 ug/ml
14) T Benzo[a]anthracene (C...	14.431	2400791	18.272 ug/ml
15) T Chrysene (C27.41)	14.472	3110275	19.236 ug/ml
16) T benzo[b]fluoranthene ...	15.978	2577213	18.731 ug/ml
17) T Bnezo[k]fluoranthene ...	16.010	3069763	19.436 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	2597623	19.137 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.729	1756887	16.077 ug/mlm
20) T Dibenz[a,h]anthracene...	17.776	2586904	16.675 ug/ml
21) T Benzo[g,h,i]perylene ...	17.973	2645183	18.249 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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