

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050825AR\
 Data File : FD049334.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2025 23:34
 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

Integration File: autoint1.e
 Quant Time: May 09 09:22:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.739	2673302	22.546 ug/ml
Spiked Amount 50.000		Recovery =	45.09%
6) S 2-Fluorobiphenyl (SURR)	8.605	1823565	23.091 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.18%
11) S ortho-Terphenyl (SURR)	11.650	3015562	21.849 ug/ml
Spiked Amount 50.000		Recovery =	43.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	2776200	22.235 ug/ml
2) T Naphthalene (C11.7)	6.076	2958062	22.375 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	2932279	22.730 ug/ml
5) T Acenaphthylene (C15.06)	8.408	3113784	22.058 ug/ml
7) T Acenaphthene (C15.5)	8.704	3035424	22.154 ug/ml
8) T Fluorene (C16.55)	9.485	3077228	22.608 ug/ml
9) T Phenanthrene (C19.36)	10.883	2986762	22.153 ug/ml
10) T Anthracene (C19.43)	10.958	2631094	22.247 ug/ml
12) T Fluoranthene (C21.85)	12.697	2950830	21.896 ug/ml
13) T Pyrene (C20.8)	12.995	2935619	21.701 ug/ml
14) T Benzo[a]anthracene (C...	14.866	2583491	22.554 ug/ml
15) T Chrysene (C27.41)	14.908	2608839	22.353 ug/ml
16) T benzo[b]fluoranthene ...	16.417	2618964	21.575 ug/ml
17) T Bnezo[k]fluoranthene ...	16.450	2586305	21.686 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	2476322	21.536 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2384838	21.731 ug/ml
20) T Dibenz[a,h]anthracene...	18.200	2554962	24.191 ug/ml
21) T Benzo[g,h,i]perylene ...	18.416	2551734	21.413 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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