

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090825AR\
 Data File : FD049728.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2025 11:39
 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: Sep 09 05:59:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.696	2418578	21.505 ug/ml
Spiked Amount 50.000		Recovery =	43.01%
6) S 2-Fluorobiphenyl (SURR)	8.560	1671275	20.820 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.64%
11) S ortho-Terphenyl (SURR)	11.606	2921137	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	2383815	22.123 ug/ml
2) T Naphthalene (C11.7)	6.032	2725395	21.916 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	2819970	21.637 ug/ml
5) T Acenaphthylene (C15.06)	8.364	2939917	21.205 ug/ml
7) T Acenaphthene (C15.5)	8.660	2939292	21.203 ug/ml
8) T Flouorene (C16.55)	9.441	2864031	20.647 ug/ml
9) T Phenanthrene (C19.36)	10.839	2804032	20.129 ug/ml
10) T Anthracene (C19.43)	10.913	2587467	19.596 ug/ml
12) T Fluoranthene (C21.85)	12.651	2664319	19.784 ug/ml
13) T Pyrene (C20.8)	12.949	2637161	19.825 ug/ml
14) T Benzo[a]anthracene (C...	14.821	2325618	19.447 ug/ml
15) T Chrysene (C27.41)	14.863	2382651	19.586 ug/ml
16) T benzo[b]fluoranthene ...	16.372	2395374	19.983 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	2244875	19.923 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.749	2343342	19.969 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.113	2128083	19.561 ug/ml
20) T Dibenz[a,h]anthracene...	18.153	2200786	19.314 ug/ml
21) T Benzo[g,h,i]perylene ...	18.368	2321054	19.948 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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