

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049655.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2025 23:13
 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: sample.E
 Quant Time: Aug 25 01:51:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.713	2311005	22.549 ug/ml
Spiked Amount 50.000		Recovery =	45.10%
6) S 2-Fluorobiphenyl (SURR)	8.579	1642650	22.488 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.98%
11) S ortho-Terphenyl (SURR)	11.625	2841802	21.895 ug/ml
Spiked Amount 50.000		Recovery =	43.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.505	2261614	22.344 ug/ml
2) T Naphthalene (C11.7)	6.049	2593589	22.620 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2698036	22.617 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2782138	22.131 ug/ml
7) T Acenaphthene (C15.5)	8.678	2802816	22.291 ug/ml
8) T Flouorene (C16.55)	9.459	2807501	22.175 ug/ml
9) T Phenanthrene (C19.36)	10.858	2829122	21.901 ug/ml
10) T Anthracene (C19.43)	10.932	2428649	19.714 ug/ml
12) T Fluoranthene (C21.85)	12.672	2737470	21.384 ug/ml
13) T Pyrene (C20.8)	12.970	2703430	21.293 ug/ml
14) T Benzo[a]anthracene (C...	14.841	2377031	20.599 ug/ml
15) T Chrysene (C27.41)	14.884	2451764	20.940 ug/ml
16) T benzo[b]fluoranthene ...	16.393	2335751	20.537 ug/ml
17) T Bnezo[k]fluoranthene ...	16.425	2185107	20.413 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.771	2205872	19.884 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.136	2076423	20.144 ug/ml
20) T Dibenz[a,h]anthracene...	18.176	2407474	22.087 ug/ml
21) T Benzo[g,h,i]perylene ...	18.391	2203971	20.169 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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