

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082725AR\
 Data File : FD049684.D
 Signal(s) : FID2B.ch
 Acq On : 27 Aug 2025 08:47
 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: Aug 28 01:49:17 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	2319987	22.637 ug/ml
Spiked Amount 50.000		Recovery =	45.27%
6) S 2-Fluorobiphenyl (SURR)	8.578	1666719	22.817 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.63%
11) S ortho-Terphenyl (SURR)	11.624	2927147	22.552 ug/ml
Spiked Amount 50.000		Recovery =	45.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	2214744	21.881 ug/ml
2) T Naphthalene (C11.7)	6.049	2585114	22.546 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2713837	22.749 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2809507	22.349 ug/ml
7) T Acenaphthene (C15.5)	8.678	2847707	22.648 ug/ml
8) T Flouorene (C16.55)	9.459	2873130	22.693 ug/ml
9) T Phenanthrene (C19.36)	10.858	2898703	22.440 ug/ml
10) T Anthracene (C19.43)	10.931	2322415	18.852 ug/ml
12) T Fluoranthene (C21.85)	12.671	2816375	22.000 ug/ml
13) T Pyrene (C20.8)	12.969	2770514	21.821 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2414126	20.920 ug/ml
15) T Chrysene (C27.41)	14.883	2520306	21.526 ug/ml
16) T benzo[b]fluoranthene ...	16.392	2432278	21.386 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	2267796	21.185 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.769	2251004	20.291 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	2160420	20.959 ug/ml
20) T Dibenz[a,h]anthracene...	18.174	2608663	23.933 ug/ml
21) T Benzo[g,h,i]perylene ...	18.389	2298050	21.030 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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