

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
 Data File : FD049615.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2025 11:03
 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 13 00:28:17 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...	7.714	2361525	23.042 ug/ml
Spiked Amount 50.000		Recovery =	46.08%
6) S 2-Fluorobiphenyl (SURR)	8.579	1674981	22.931 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.86%
11) S ortho-Terphenyl (SURR)	11.625	2942217	22.668 ug/ml
Spiked Amount 50.000		Recovery =	45.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	2310469	22.826 ug/ml
2) T Naphthalene (C11.7)	6.050	2629370	22.932 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	2738957	22.960 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2861062	22.759 ug/ml
7) T Acenaphthene (C15.5)	8.678	2856651	22.720 ug/ml
8) T Flouorene (C16.55)	9.460	2874073	22.700 ug/ml
9) T Phenanthrene (C19.36)	10.859	2932911	22.704 ug/ml
10) T Anthracene (C19.43)	10.933	2763196	22.430 ug/ml
12) T Fluoranthene (C21.85)	12.672	2866751	22.394 ug/ml
13) T Pyrene (C20.8)	12.970	2845041	22.408 ug/ml
14) T Benzo[a]anthracene (C...	14.841	2512042	21.769 ug/ml
15) T Chrysene (C27.41)	14.884	2553528	21.810 ug/ml
16) T benzo[b]fluoranthene ...	16.392	2451760	21.557 ug/ml
17) T Bnezo[k]fluoranthene ...	16.425	2308335	21.564 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.771	2375619	21.414 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.135	2154809	20.905 ug/ml
20) T Dibenz[a,h]anthracene...	18.176	2258819	20.723 ug/ml
21) T Benzo[g,h,i]perylene ...	18.390	2310886	21.147 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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