

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071725AR\
 Data File : FD049569.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2025 08:56
 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: Jul 17 11:54:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 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...	7.734	2761028	21.103 ug/ml
Spiked Amount 50.000		Recovery =	42.21%
6) S 2-Fluorobiphenyl (SURR)	8.600	1968926	21.248 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.50%
11) S ortho-Terphenyl (SURR)	11.643	3314732	20.216 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2718777	21.045 ug/ml
2) T Naphthalene (C11.7)	6.072	3021618	20.645 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	3027569	19.936 ug/ml
5) T Acenaphthylene (C15.06)	8.403	3265547	20.573 ug/ml
7) T Acenaphthene (C15.5)	8.699	3190142	20.149 ug/ml
8) T Flouorene (C16.55)	9.480	3305270	20.691 ug/ml
9) T Phenanthrene (C19.36)	10.878	3328135	20.318 ug/ml
10) T Anthracene (C19.43)	10.952	3056549	19.188 ug/ml
12) T Fluoranthene (C21.85)	12.691	3300601	20.306 ug/ml
13) T Pyrene (C20.8)	12.990	3294747	20.301 ug/ml
14) T Benzo[a]anthracene (C...	14.860	2971371	20.289 ug/ml
15) T Chrysene (C27.41)	14.903	2968354	19.945 ug/ml
16) T benzo[b]fluoranthene ...	16.410	2812464	19.849 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	2804134	20.976 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.788	2650034	19.248 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.152	2491036	19.889 ug/ml
20) T Dibenz[a,h]anthracene...	18.193	2664171	20.223 ug/ml
21) T Benzo[g,h,i]perylene ...	18.408	2638398	19.936 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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