

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071625AR\
 Data File : FD049566.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2025 06:04
 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: Jul 17 07:20:13 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...	7.735	2801117	21.410 ug/ml
Spiked Amount 50.000		Recovery =	42.82%
6) S 2-Fluorobiphenyl (SURR)	8.600	1990347	21.479 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.96%
11) S ortho-Terphenyl (SURR)	11.644	3352470	20.446 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2723654	21.083 ug/ml
2) T Naphthalene (C11.7)	6.073	3044907	20.804 ug/ml
3) T 2-Methylnaphthalene (...)	7.125	3065939	20.189 ug/ml
5) T Acenaphthylene (C15.06)	8.404	3307094	20.834 ug/ml
7) T Acenaphthene (C15.5)	8.700	3236487	20.442 ug/ml
8) T Flouorene (C16.55)	9.480	3352346	20.986 ug/ml
9) T Phenanthrene (C19.36)	10.878	3350596	20.455 ug/ml
10) T Anthracene (C19.43)	10.952	3078637	19.327 ug/ml
12) T Fluoranthene (C21.85)	12.691	3294082	20.266 ug/ml
13) T Pyrene (C20.8)	12.989	3282519	20.226 ug/ml
14) T Benzo[a]anthracene (C...	14.860	2944818	20.108 ug/ml
15) T Chrysene (C27.41)	14.903	2941934	19.768 ug/ml
16) T benzo[b]fluoranthene ...	16.411	2790530	19.695 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	2782764	20.816 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.788	2628810	19.094 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	2477095	19.778 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	2645945	20.084 ug/ml
21) T Benzo[g,h,i]perylene ...	18.408	2621063	19.805 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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