

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020725AR\
 Data File : FD049051.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2025 08:50
 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: Feb 07 23:56:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 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...	7.353	2929635	20.584 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
6) S 2-Fluorobiphenyl (SURR)	8.204	1875717	22.045 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.09%
11) S ortho-Terphenyl (SURR)	11.237	3315572	20.161 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3301941	21.421 ug/ml
2) T Naphthalene (C11.7)	5.694	3308337	21.165 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	3232174	20.835 ug/ml
5) T Acenaphthylene (C15.06)	8.005	3347619	20.469 ug/ml
7) T Acenaphthene (C15.5)	8.298	3340783	19.890 ug/ml
8) T Fluorene (C16.55)	9.078	3250384	20.778 ug/ml
9) T Phenanthrene (C19.36)	10.465	3124474	20.515 ug/ml
10) T Anthracene (C19.43)	10.541	3153954	20.705 ug/ml
12) T Fluoranthene (C21.85)	12.269	3213665	20.431 ug/ml
13) T Pyrene (C20.8)	12.562	3148352	19.985 ug/ml
14) T Benzo[a]anthracene (C...	14.432	2865319	22.267 ug/ml
15) T Chrysene (C27.41)	14.474	3231899	19.113 ug/ml
16) T benzo[b]fluoranthene ...	15.980	2984451	21.843 ug/ml
17) T Bnezo[k]fluoranthene ...	16.011	3178310	19.624 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.357	2839030	20.399 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.723	2296213	22.017 ug/ml
20) T Dibenz[a,h]anthracene...	17.762	3239680	22.694 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	2999732	21.030 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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