

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022725AR\
 Data File : FD049120.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2025 13:27
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 28 01:27:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 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	2797961	19.551 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
6) S 2-Fluorobiphenyl (SURR)	8.205	1681726	19.130 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.26%
11) S ortho-Terphenyl (SURR)	11.234	3233823	19.990 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3104083	19.491 ug/ml
2) T Naphthalene (C11.7)	5.694	3125342	19.683 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	3098648	19.902 ug/ml
5) T Acenaphthylene (C15.06)	8.004	3151413	19.381 ug/ml
7) T Acenaphthene (C15.5)	8.297	3264584	19.844 ug/ml
8) T Fluorene (C16.55)	9.078	3082178	19.551 ug/ml
9) T Phenanthrene (C19.36)	10.464	3019229	20.035 ug/ml
10) T Anthracene (C19.43)	10.543	2633827	17.439 ug/ml
12) T Fluoranthene (C21.85)	12.268	3086798	20.003 ug/ml
13) T Pyrene (C20.8)	12.560	3020840	19.608 ug/ml
14) T Benzo[a]anthracene (C...	14.431	2581314	19.646 ug/ml
15) T Chrysene (C27.41)	14.472	3225972	19.952 ug/ml
16) T benzo[b]fluoranthene ...	15.979	2759362	20.054 ug/ml
17) T Bnezo[k]fluoranthene ...	16.010	3129958	19.817 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.359	2619384	19.298 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.726	1884461	17.245 ug/ml
20) T Dibenz[a,h]anthracene...	17.767	3072254	19.803 ug/ml
21) T Benzo[g,h,i]perylene ...	17.971	2738520	18.893 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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