

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021424AR\
 Data File : FD047253.D
 Signal(s) : FID2B.ch
 Acq On : 14 Feb 2024 20:22
 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 14 22:30:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 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...	7.466	3085039	20.264 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
6) S 2-Fluorobiphenyl (SURR)	8.318	2045931	20.241 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.48%
11) S ortho-Terphenyl (SURR)	11.355	3485885	19.765 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	3250388	20.618 ug/ml
2) T Naphthalene (C11.7)	5.805	3391616	20.407 ug/ml
3) T 2-Methylnaphthalene (...)	6.853	3415808	20.255 ug/ml
5) T Acenaphthylene (C15.06)	8.122	3083833	20.036 ug/ml
7) T Acenaphthene (C15.5)	8.416	3296550	20.000 ug/ml
8) T Flouorene (C16.55)	9.195	3182334	20.072 ug/ml
9) T Phenanthrene (C19.36)	10.583	3053031	19.652 ug/ml
10) T Anthracene (C19.43)	10.657	2555761	17.331 ug/ml
12) T Fluoranthene (C21.85)	12.385	3050614	19.703 ug/ml
13) T Pyrene (C20.8)	12.679	2917764	19.396 ug/ml
14) T Benzo[a]anthracene (C...	14.544	2556339	19.017 ug/ml
15) T Chrysene (C27.41)	14.585	2787608	19.037 ug/ml
16) T benzo[b]fluoranthene ...	16.085	2584010	18.768 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	2698522	19.448 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.460	2504906	18.503 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	2355576	18.659 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	2600738	19.519 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	2459223	18.547 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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