

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021424AR\
 Data File : FD047246.D
 Signal(s) : FID2B.ch
 Acq On : 14 Feb 2024 11:35
 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 14 22:28:53 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	3391027	22.274 ug/ml
Spiked Amount 50.000		Recovery =	44.55%
6) S 2-Fluorobiphenyl (SURR)	8.318	2226787	22.030 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.06%
11) S ortho-Terphenyl (SURR)	11.355	3767592	21.362 ug/ml
Spiked Amount 50.000		Recovery =	42.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	3597271	22.818 ug/ml
2) T Naphthalene (C11.7)	5.806	3736199	22.481 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	3771408	22.363 ug/ml
5) T Acenaphthylene (C15.06)	8.122	3402753	22.108 ug/ml
7) T Acenaphthene (C15.5)	8.416	3604427	21.867 ug/ml
8) T Flouorene (C16.55)	9.195	3482051	21.962 ug/ml
9) T Phenanthrene (C19.36)	10.583	3333695	21.458 ug/ml
10) T Anthracene (C19.43)	10.658	3159101	21.422 ug/ml
12) T Fluoranthene (C21.85)	12.386	3222719	20.814 ug/ml
13) T Pyrene (C20.8)	12.680	3116661	20.719 ug/ml
14) T Benzo[a]anthracene (C...	14.543	2726168	20.280 ug/ml
15) T Chrysene (C27.41)	14.585	2917638	19.925 ug/ml
16) T benzo[b]fluoranthene ...	16.086	2753096	19.996 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	2776439	20.009 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	2716227	20.064 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	2572097	20.374 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	2709722	20.337 ug/ml
21) T Benzo[g,h,i]perylene ...	18.070	2687643	20.270 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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