

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022224AR\
 Data File : FD047283.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2024 22:19
 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 23 03:48:45 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...	7.463	3359265	22.065 ug/ml
Spiked Amount 50.000		Recovery =	44.13%
6) S 2-Fluorobiphenyl (SURR)	8.317	2244733	22.208 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.42%
11) S ortho-Terphenyl (SURR)	11.354	3845125	21.802 ug/ml
Spiked Amount 50.000		Recovery =	43.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	3522121	22.342 ug/ml
2) T Naphthalene (C11.7)	5.804	3691252	22.210 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	3731015	22.124 ug/ml
5) T Acenaphthylene (C15.06)	8.120	3315317	21.540 ug/ml
7) T Acenaphthene (C15.5)	8.415	3588822	21.773 ug/ml
8) T Flouorene (C16.55)	9.193	3508726	22.130 ug/ml
9) T Phenanthrene (C19.36)	10.582	3377161	21.738 ug/ml
10) T Anthracene (C19.43)	10.655	2568571	17.418 ug/ml
12) T Fluoranthene (C21.85)	12.385	3421860	22.101 ug/ml
13) T Pyrene (C20.8)	12.679	3284170	21.832 ug/ml
14) T Benzo[a]anthracene (C...	14.544	2927749	21.780 ug/ml
15) T Chrysene (C27.41)	14.585	3232750	22.077 ug/ml
16) T benzo[b]fluoranthene ...	16.087	3011921	21.875 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	3228407	23.266 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	2809943	20.756 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.819	2803794	22.209 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	2853233	21.414 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	2913216	21.971 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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