

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090623AR\
 Data File : FD046444.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2023 10:12
 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: Sep 06 13:40:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 2023
 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...	7.494	3381328	20.021 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
6) S 2-Fluorobiphenyl (SURR)	8.347	2240380	20.131 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.26%
11) S ortho-Terphenyl (SURR)	11.385	3966213	20.223 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.308	3517292	20.016 ug/ml
2) T Naphthalene (C11.7)	5.834	3690208	20.022 ug/ml
3) T 2-Methylnaphthalene (...)	6.882	3742857	20.158 ug/ml
5) T Acenaphthylene (C15.06)	8.151	3356202	19.722 ug/ml
7) T Acenaphthene (C15.5)	8.446	3622218	20.106 ug/ml
8) T Flouorene (C16.55)	9.224	3513341	20.088 ug/ml
9) T Phenanthrene (C19.36)	10.613	3455510	20.140 ug/ml
10) T Anthracene (C19.43)	10.687	2881351	17.080 ug/ml
12) T Fluoranthene (C21.85)	12.416	3378956	20.310 ug/ml
13) T Pyrene (C20.8)	12.709	3218890	19.972 ug/ml
14) T Benzo[a]anthracene (C...	14.573	2733867	19.432 ug/ml
15) T Chrysene (C27.41)	14.615	2922223	19.700 ug/ml
16) T benzo[b]fluoranthene ...	16.115	2657974	19.561 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.146	2755633	20.312 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.489	2531150	19.210 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.846	2465991	19.770 ug/mlm
20) T Dibenz[a,h]anthracene...	17.888	2728123	21.772 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.098	2553204	19.909 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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