

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072823AR\
 Data File : FD046231.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jul 2023 15:29
 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: Jul 29 02:53:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.502	3231754	21.620 ug/ml
Spiked Amount 50.000		Recovery =	43.24%
6) S 2-Fluorobiphenyl (SURR)	8.357	2047895	21.876 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.75%
11) S ortho-Terphenyl (SURR)	11.395	3888645	22.267 ug/ml
Spiked Amount 50.000		Recovery =	44.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	3873869	21.262 ug/ml
2) T Naphthalene (C11.7)	5.842	3880050	21.483 ug/ml
3) T 2-Methylnaphthalene (...)	6.891	3793069	21.551 ug/ml
5) T Acenaphthylene (C15.06)	8.161	3290723	21.568 ug/ml
7) T Acenaphthene (C15.5)	8.456	3546955	21.752 ug/ml
8) T Flouorene (C16.55)	9.235	3351265	22.025 ug/ml
9) T Phenanthrene (C19.36)	10.624	3217442	22.344 ug/ml
10) T Anthracene (C19.43)	10.698	2673357	20.428 ug/ml
12) T Fluoranthene (C21.85)	12.427	3150261	22.545 ug/ml
13) T Pyrene (C20.8)	12.722	3087494	22.277 ug/ml
14) T Benzo[a]anthracene (C...	14.586	2912112	22.186 ug/ml
15) T Chrysene (C27.41)	14.628	3107150	22.036 ug/ml
16) T benzo[b]fluoranthene ...	16.129	3093358	22.618 ug/ml
17) T Bnezo[k]fluoranthene ...	16.160	3022675	22.052 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.504	2930453	22.509 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.860	2683552	22.312 ug/ml
20) T Dibenz[a,h]anthracene...	17.902	2755322	21.544 ug/ml
21) T Benzo[g,h,i]perylene ...	18.113	2828659	22.296 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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