

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072223AR\
 Data File : FD046184.D
 Signal(s) : FID2B.ch
 Acq On : 22 Jul 2023 16:48
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 24 04:03:16 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...	7.510	3010710	20.141 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
6) S 2-Fluorobiphenyl (SURR)	8.365	1901305	20.310 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.62%
11) S ortho-Terphenyl (SURR)	11.403	3544811	20.298 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.321	3606692	19.796 ug/ml
2) T Naphthalene (C11.7)	5.849	3607138	19.972 ug/ml
3) T 2-Methylnaphthalene (...)	6.899	3531702	20.066 ug/ml
5) T Acenaphthylene (C15.06)	8.169	3072542	20.138 ug/ml
7) T Acenaphthene (C15.5)	8.465	3283600	20.137 ug/ml
8) T Fluorene (C16.55)	9.243	3112939	20.458 ug/ml
9) T Phenanthrene (C19.36)	10.633	2940138	20.418 ug/ml
10) T Anthracene (C19.43)	10.707	2591616	19.803 ug/ml
12) T Fluoranthene (C21.85)	12.438	2856893	20.445 ug/ml
13) T Pyrene (C20.8)	12.732	2793128	20.153 ug/ml
14) T Benzo[a]anthracene (C...	14.597	2659821	20.264 ug/ml
15) T Chrysene (C27.41)	14.639	2794025	19.815 ug/ml
16) T benzo[b]fluoranthene ...	16.141	2822537	20.638 ug/ml
17) T Bnezo[k]fluoranthene ...	16.173	2775636	20.250 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.516	2730938	20.977 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.875	2671088	22.208 ug/ml
20) T Dibenz[a,h]anthracene...	17.916	2683431	20.982 ug/ml
21) T Benzo[g,h,i]perylene ...	18.128	2753811	21.706 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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