

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071823AR\
 Data File : FD046123.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jul 2023 13:11
 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 19 04:56:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.508	4254987	19.745 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
6) S 2-Fluorobiphenyl (SURR)	8.363	2680470	19.367 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.73%
11) S ortho-Terphenyl (SURR)	11.402	5009115	19.758 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.321	5069148	20.349 ug/ml
2) T Naphthalene (C11.7)	5.848	5100101	19.991 ug/ml
3) T 2-Methylnaphthalene (...)	6.897	4992425	19.804 ug/ml
5) T Acenaphthylene (C15.06)	8.167	4316479	19.873 ug/ml
7) T Acenaphthene (C15.5)	8.463	4655651	19.751 ug/ml
8) T Fluorene (C16.55)	9.241	4353823	19.243 ug/ml
9) T Phenanthrene (C19.36)	10.629	4074432	19.095 ug/ml
10) T Anthracene (C19.43)	10.703	3146391	19.802 ug/ml
12) T Fluoranthene (C21.85)	12.433	3965575	19.377 ug/ml
13) T Pyrene (C20.8)	12.728	3904134	20.079 ug/ml
14) T Benzo[a]anthracene (C...	14.592	3569635	19.848 ug/ml
15) T Chrysene (C27.41)	14.633	3827737	19.502 ug/ml
16) T benzo[b]fluoranthene ...	16.134	3826985	20.404 ug/ml
17) T Bnezo[k]fluoranthene ...	16.167	3733420	18.874 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.509	3577749	20.535 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.865	3084660	16.575 ug/ml
20) T Dibenz[a,h]anthracene...	17.906	3050851	16.594 ug/ml
21) T Benzo[g,h,i]perylene ...	18.118	3353591	17.948 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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