

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045878.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jun 2023 09:09
 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: Jun 19 12:39:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.525	3637889	20.178 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
6) S 2-Fluorobiphenyl (SURR)	8.380	2379466	19.791 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.58%
11) S ortho-Terphenyl (SURR)	11.419	4410626	19.746 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.333	4121449	20.416 ug/ml
2) T Naphthalene (C11.7)	5.863	4266381	20.134 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	4230789	20.032 ug/ml
5) T Acenaphthylene (C15.06)	8.184	3788534	19.996 ug/ml
7) T Acenaphthene (C15.5)	8.480	4045826	20.011 ug/ml
8) T Fluorene (C16.55)	9.258	3893147	19.649 ug/ml
9) T Phenanthrene (C19.36)	10.648	3737844	19.538 ug/ml
10) T Anthracene (C19.43)	10.722	3278223	19.244 ug/ml
12) T Fluoranthene (C21.85)	12.452	3518072	19.042 ug/ml
13) T Pyrene (C20.8)	12.747	3414344	19.117 ug/ml
14) T Benzo[a]anthracene (C...	14.610	3017763	19.274 ug/ml
15) T Chrysene (C27.41)	14.653	3175322	19.247 ug/ml
16) T benzo[b]fluoranthene ...	16.153	3094443	20.446 ug/ml
17) T Bnezo[k]fluoranthene ...	16.185	3045404	19.671 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.527	2991402	20.456 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.885	3001160	20.491 ug/ml
20) T Dibenz[a,h]anthracene...	17.926	3085165	20.565 ug/ml
21) T Benzo[g,h,i]perylene ...	18.138	3082362	20.890 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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