

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110823AR\
 Data File : FD046868.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2023 19:46
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 08 23:09:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.481	3765409	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
6) S 2-Fluorobiphenyl (SURR)	8.334	2446122	20.786 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.57%
11) S ortho-Terphenyl (SURR)	11.372	4447927	21.005 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295	3926792	20.333 ug/ml
2) T Naphthalene (C11.7)	5.821	4071201	20.331 ug/ml
3) T 2-Methylnaphthalene (...)	6.869	4138623	20.592 ug/ml
5) T Acenaphthylene (C15.06)	8.138	3765120	20.471 ug/ml
7) T Acenaphthene (C15.5)	8.433	4054636	20.699 ug/ml
8) T Fluorene (C16.55)	9.211	3895924	21.063 ug/ml
9) T Phenanthrene (C19.36)	10.599	3720294	20.912 ug/ml
10) T Anthracene (C19.43)	10.673	3141561	18.434 ug/ml
12) T Fluoranthene (C21.85)	12.402	3633733	21.040 ug/ml
13) T Pyrene (C20.8)	12.695	3508737	21.102 ug/ml
14) T Benzo[a]anthracene (C...	14.560	2921244	20.763 ug/ml
15) T Chrysene (C27.41)	14.601	3195639	20.491 ug/ml
16) T benzo[b]fluoranthene ...	16.101	2971255	20.760 ug/ml
17) T Bnezo[k]fluoranthene ...	16.133	2994761	20.455 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	2866779	20.453 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.832	2695004	21.333 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	2907891	20.815 ug/ml
21) T Benzo[g,h,i]perylene ...	18.084	2860264	20.485 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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