

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081823AR\
 Data File : FD046351.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 16:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 18 16:35:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:27:51 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...	7.499	3079206	19.785 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
6) S 2-Fluorobiphenyl (SURR)	8.353	2040857	19.941 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.88%
11) S ortho-Terphenyl (SURR)	11.391	3824658	19.937 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.312	3504919	19.710 ug/ml
2) T Naphthalene (C11.7)	5.839	3647157	19.789 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	3624117	19.918 ug/ml
5) T Acenaphthylene (C15.06)	8.157	3289003	19.841 ug/ml
7) T Acenaphthene (C15.5)	8.453	3529298	19.869 ug/ml
8) T Flouorene (C16.55)	9.231	3409198	19.995 ug/ml
9) T Phenanthrene (C19.36)	10.620	3357726	19.965 ug/ml
10) T Anthracene (C19.43)	10.694	2963909	19.914 ug/ml
12) T Fluoranthene (C21.85)	12.423	3282809	20.087 ug/ml
13) T Pyrene (C20.8)	12.717	3196050	20.005 ug/ml
14) T Benzo[a]anthracene (C...	14.581	2864058	20.225 ug/ml
15) T Chrysene (C27.41)	14.623	2956309	20.159 ug/ml
16) T benzo[b]fluoranthene ...	16.123	2747598	20.247 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.155	2666509	20.169 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	2548606	20.093 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	2488091	19.887 ug/mlm
20) T Dibenz[a,h]anthracene...	17.897	2521011	19.862 ug/ml
21) T Benzo[g,h,i]perylene ...	18.108	2519768	19.827 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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