

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083123AR\
 Data File : FD046413.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2023 22:10
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Integration File: autoint1.e
 Quant Time: Sep 01 02:04:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.495	3600209	21.317 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
6) S 2-Fluorobiphenyl (SURR)	8.349	2383145	21.414 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.83%
11) S ortho-Terphenyl (SURR)	11.386	4190679	21.367 ug/ml
Spiked Amount 50.000		Recovery =	42.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.309	3734894	21.255 ug/ml
2) T Naphthalene (C11.7)	5.836	3925328	21.298 ug/ml
3) T 2-Methylnaphthalene (...)	6.883	3968378	21.373 ug/ml
5) T Acenaphthylene (C15.06)	8.152	3589214	21.091 ug/ml
7) T Acenaphthene (C15.5)	8.448	3835540	21.290 ug/ml
8) T Fluorene (C16.55)	9.226	3732367	21.341 ug/ml
9) T Phenanthrene (C19.36)	10.615	3636457	21.194 ug/ml
10) T Anthracene (C19.43)	10.689	3218563	19.079 ug/ml
12) T Fluoranthene (C21.85)	12.417	3571076	21.465 ug/ml
13) T Pyrene (C20.8)	12.712	3417321	21.203 ug/ml
14) T Benzo[a]anthracene (C...	14.575	2931486	20.837 ug/ml
15) T Chrysene (C27.41)	14.617	3112616	20.984 ug/ml
16) T benzo[b]fluoranthene ...	16.116	2884379	21.227 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.149	2912780	21.471 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.491	2733349	20.745 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.848	2617566	20.985 ug/mlm
20) T Dibenz[a,h]anthracene...	17.890	2847141	22.721 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	2701433	21.065 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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