

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081822AR\
 Data File : FD043651.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2022 09:37
 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 08/19/2022
 Supervised By :Ankita Jodhani 08/19/2022

Integration File: autoint1.e
 Quant Time: Aug 18 15:27:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 2022
 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...	7.609	3064690	21.666 ug/ml
Spiked Amount 50.000		Recovery =	43.33%
6) S 2-Fluorobiphenyl (SURR)	8.473	1996786	21.004 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.01%
11) S ortho-Terphenyl (SURR)	11.518	3361383	19.832 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.405	3595381	22.924 ug/ml
2) T Naphthalene (C11.7)	5.944	3577177	22.124 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	3212440	21.939 ug/ml
5) T Acenaphthylene (C15.06)	8.275	3351901	20.648 ug/ml
7) T Acenaphthene (C15.5)	8.571	3419349	21.150 ug/ml
8) T Flouorene (C16.55)	9.354	3266778	20.848 ug/ml
9) T Phenanthrene (C19.36)	10.751	3119262	19.903 ug/ml
10) T Anthracene (C19.43)	10.826	2970951	19.290 ug/ml
12) T Fluoranthene (C21.85)	12.567	3062582	19.336 ug/ml
13) T Pyrene (C20.8)	12.864	3035609	19.316 ug/ml
14) T Benzo[a]anthracene (C...	14.739	2947674	19.980 ug/ml
15) T Chrysene (C27.41)	14.780	3113583	19.926 ug/ml
16) T benzo[b]fluoranthene ...	16.292	3172764	21.210 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	3163168	21.080 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	3094080	21.890 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	2764685	23.393 ug/mlm
20) T Dibenz[a,h]anthracene...	18.076	3150665	22.213 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.292	3029446	23.296 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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