

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082422AR\
 Data File : FD043741.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2022 01:23
 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 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: sample.E
 Quant Time: Aug 25 03:31:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 24 02:39:46 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...	7.467	3709405	21.469 ug/ml
Spiked Amount 50.000		Recovery =	42.94%
6) S 2-Fluorobiphenyl (SURR)	8.324	2283193	22.697 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.39%
11) S ortho-Terphenyl (SURR)	11.355	4371462	20.895 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	4272653	21.455 ug/ml
2) T Naphthalene (C11.7)	5.806	4249996	21.144 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	3844491	21.299 ug/ml
5) T Acenaphthylene (C15.06)	8.125	4233227	21.178 ug/ml
7) T Acenaphthene (C15.5)	8.417	4462158	20.758 ug/ml
8) T Flouorene (C16.55)	9.198	4079563	21.279 ug/ml
9) T Phenanthrene (C19.36)	10.591	3902362	21.701 ug/ml
10) T Anthracene (C19.43)	10.667	3900716	20.054 ug/ml
12) T Fluoranthene (C21.85)	12.396	3840877	21.061 ug/mlm
13) T Pyrene (C20.8)	12.691	3950415	21.163 ug/ml
14) T Benzo[a]anthracene (C...	14.561	3190260	22.297 ug/mlm
15) T Chrysene (C27.41)	14.602	3551198	18.399 ug/ml
16) T benzo[b]fluoranthene ...	16.106	3180771	22.043 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.137	3484759	20.261 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.486	3151690	21.705 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.846	2316828	22.403 ug/mlm
20) T Dibenz[a,h]anthracene...	17.885	3100491	22.032 ug/ml
21) T Benzo[g,h,i]perylene ...	18.097	2803086	22.019 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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