

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082422AR\
 Data File : FD043731.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2022 14:27
 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 03:28:40 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...	7.473	3585924	20.754 ug/ml
Spiked Amount 50.000		Recovery =	41.51%
6) S 2-Fluorobiphenyl (SURR)	8.331	2148732	21.361 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.72%
11) S ortho-Terphenyl (SURR)	11.362	4234382	20.240 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	4067265	20.423 ug/ml
2) T Naphthalene (C11.7)	5.812	4057140	20.185 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	3652548	20.236 ug/ml
5) T Acenaphthylene (C15.06)	8.132	4093441	20.479 ug/ml
7) T Acenaphthene (C15.5)	8.424	4325928	20.125 ug/ml
8) T Flouorene (C16.55)	9.206	3844551	20.054 ug/ml
9) T Phenanthrene (C19.36)	10.598	3739452	20.795 ug/ml
10) T Anthracene (C19.43)	10.675	3816414	19.621 ug/ml
12) T Fluoranthene (C21.85)	12.405	3687575	20.221 ug/mlm
13) T Pyrene (C20.8)	12.700	3816769	20.447 ug/ml
14) T Benzo[a]anthracene (C...	14.570	3070682	21.461 ug/mlm
15) T Chrysene (C27.41)	14.611	3777014	19.569 ug/ml
16) T benzo[b]fluoranthene ...	16.114	3092954	21.434 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.145	3401794	19.778 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	3031068	20.874 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	2189291	21.169 ug/mlm
20) T Dibenz[a,h]anthracene...	17.894	2990054	21.248 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	2651831	20.831 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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