

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051222AR\
 Data File : FD042431.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2022 1:45
 Operator : UA/NP
 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 05/13/2022
 Supervised By :mohammad ahmed 05/13/2022

Integration File: sample.E
 Quant Time: May 13 03:12:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.332	3107543	22.170 ug/ml
Spiked Amount 50.000		Recovery =	44.34%
6) S 2-Fluorobiphenyl (SURR)	8.185	1593422	22.363 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.73%
11) S ortho-Terphenyl (SURR)	11.204	3323547	19.175 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.156	3683910	23.663 ug/ml
2) T Naphthalene (C11.7)	5.677	3524505	22.342 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	3109880	21.506 ug/ml
5) T Acenaphthylene (C15.06)	7.982	3309903	20.084 ug/ml
7) T Acenaphthene (C15.5)	8.274	3730731	19.871 ug/ml
8) T Flouorene (C16.55)	9.054	3143995	20.641 ug/ml
9) T Phenanthrene (C19.36)	10.439	2785467	18.759 ug/ml
10) T Anthracene (C19.43)	10.517	2691829	16.079 ug/ml
12) T Fluoranthene (C21.85)	12.241	2851846	18.181 ug/ml
13) T Pyrene (C20.8)	12.534	2918026	17.890 ug/ml
14) T Benzo[a]anthracene (C...	14.405	2384602	19.935 ug/ml
15) T Chrysene (C27.41)	14.445	3045601	16.601 ug/mlm
16) T benzo[b]fluoranthene ...	15.953	2712763	20.661 ug/ml
17) T Bnezo[k]fluoranthene ...	15.983	3343117	19.337 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.334	2733220	18.525 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	2206165	22.103 ug/mlm
20) T Dibenz[a,h]anthracene...	17.736	3581452	22.818 ug/ml
21) T Benzo[g,h,i]perylene ...	17.948	2867014	20.702 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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