

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042222AR\
 Data File : FD042033.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2022 9:39
 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 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E
 Quant Time: Apr 22 23:59:20 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...	7.336	2804016	20.005 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
6) S 2-Fluorobiphenyl (SURR)	8.189	1400217	19.652 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.30%
11) S ortho-Terphenyl (SURR)	11.206	3387288	19.542 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.156	3082618	19.801 ug/ml
2) T Naphthalene (C11.7)	5.680	3111986	19.727 ug/ml
3) T 2-Methylnaphthalene (...)	6.725	2926912	20.241 ug/ml
5) T Acenaphthylene (C15.06)	7.983	3210953	19.484 ug/ml
7) T Acenaphthene (C15.5)	8.275	3689926	19.654 ug/ml
8) T Flouorene (C16.55)	9.057	2957289	19.416 ug/ml
9) T Phenanthrene (C19.36)	10.440	2946420	19.843 ug/ml
10) T Anthracene (C19.43)	10.519	3327158	19.874 ug/ml
12) T Fluoranthene (C21.85)	12.242	3094313	19.727 ug/ml
13) T Pyrene (C20.8)	12.533	3246389	19.904 ug/ml
14) T Benzo[a]anthracene (C...	14.402	2416700	20.203 ug/ml
15) T Chrysene (C27.41)	14.443	3592369	19.581 ug/ml
16) T benzo[b]fluoranthene ...	15.946	2643588	20.134 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.978	3358854	19.428 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.331	2931820	19.871 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.691	1901763	19.053 ug/mlm
20) T Dibenz[a,h]anthracene...	17.734	3190191	20.325 ug/ml
21) T Benzo[g,h,i]perylene ...	17.940	2836655	20.483 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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