

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050522AR\
 Data File : FD042305.D
 Signal(s) : FID2B.CH
 Acq On : 05 May 2022 11:39
 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 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

Integration File: sample.E
 Quant Time: May 06 00:58:32 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...	7.338	3150085	22.474 ug/ml
Spiked Amount 50.000		Recovery =	44.95%
6) S 2-Fluorobiphenyl (SURR)	8.189	1775549	24.919 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	49.84%
11) S ortho-Terphenyl (SURR)	11.211	3587045	20.695 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.161	3642204	23.395 ug/ml
2) T Naphthalene (C11.7)	5.681	3580403	22.697 ug/ml
3) T 2-Methylnaphthalene (...)	6.727	3097493	21.420 ug/ml
5) T Acenaphthylene (C15.06)	7.988	3525964	21.395 ug/ml
7) T Acenaphthene (C15.5)	8.280	3834185	20.422 ug/ml
8) T Flouorene (C16.55)	9.059	3394030	22.283 ug/ml
9) T Phenanthrene (C19.36)	10.444	3137025	21.126 ug/ml
10) T Anthracene (C19.43)	10.520	3241305	19.361 ug/ml
12) T Fluoranthene (C21.85)	12.246	3173720	20.233 ug/ml
13) T Pyrene (C20.8)	12.539	3205712	19.654 ug/ml
14) T Benzo[a]anthracene (C...	14.409	2658278	22.223 ug/ml
15) T Chrysene (C27.41)	14.449	3442327	18.763 ug/ml
16) T benzo[b]fluoranthene ...	15.955	2917594	22.221 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.986	3230655	18.687 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.334	2956312	20.037 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	2483231	24.879 ug/mlm
20) T Dibenz[a,h]anthracene...	17.736	3470693	22.112 ug/ml
21) T Benzo[g,h,i]perylene ...	17.948	3022483	21.825 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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