

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042222AR\
 Data File : FD042055.D
 Signal(s) : FID2B.CH
 Acq On : 23 Apr 2022 00:25
 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 23 01:55:01 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	2769937	19.762 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
6) S 2-Fluorobiphenyl (SURR)	8.184	1491457	20.932 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.86%
11) S ortho-Terphenyl (SURR)	11.205	3300629	19.042 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	3088233	19.837 ug/ml
2) T Naphthalene (C11.7)	5.676	3095298	19.622 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	2751045	19.025 ug/ml
5) T Acenaphthylene (C15.06)	7.981	3127210	18.975 ug/ml
7) T Acenaphthene (C15.5)	8.273	3537593	18.843 ug/ml
8) T Flouorene (C16.55)	9.053	2934115	19.263 ug/ml
9) T Phenanthrene (C19.36)	10.438	2901507	19.540 ug/ml
10) T Anthracene (C19.43)	10.515	3139939	18.756 ug/ml
12) T Fluoranthene (C21.85)	12.239	3008707	19.181 ug/ml
13) T Pyrene (C20.8)	12.531	3115096	19.099 ug/ml
14) T Benzo[a]anthracene (C...	14.402	2431970	20.331 ug/ml
15) T Chrysene (C27.41)	14.442	3356133	18.293 ug/ml
16) T benzo[b]fluoranthene ...	15.947	2594892	19.763 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.977	3171655	18.345 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.327	2619076	17.751 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.690	1967892	19.716 ug/mlm
20) T Dibenz[a,h]anthracene...	17.729	3118452	19.868 ug/ml
21) T Benzo[g,h,i]perylene ...	17.938	2723776	19.668 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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