

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042722AR\
 Data File : FD042146.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2022 20:16
 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 04/28/2022
 Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E
 Quant Time: Apr 28 03:33:45 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...	7.329	2903910	20.717 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
6) S 2-Fluorobiphenyl (SURR)	8.180	1596121	22.401 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.80%
11) S ortho-Terphenyl (SURR)	11.204	3229373	18.631 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.151	3237223	20.794 ug/ml
2) T Naphthalene (C11.7)	5.672	3338554	21.164 ug/ml
3) T 2-Methylnaphthalene (...)	6.718	3178015	21.977 ug/ml
5) T Acenaphthylene (C15.06)	7.978	3221603	19.548 ug/ml
7) T Acenaphthene (C15.5)	8.271	3818623	20.339 ug/ml
8) T Flouorene (C16.55)	9.050	3036146	19.933 ug/ml
9) T Phenanthrene (C19.36)	10.436	2844475	19.156 ug/ml
10) T Anthracene (C19.43)	10.512	2983815	17.823 ug/ml
12) T Fluoranthene (C21.85)	12.237	2902252	18.502 ug/ml
13) T Pyrene (C20.8)	12.529	3096601	18.985 ug/ml
14) T Benzo[a]anthracene (C...	14.401	2335730	19.526 ug/ml
15) T Chrysene (C27.41)	14.442	3138625	17.108 ug/ml
16) T benzo[b]fluoranthene ...	15.948	2417846	18.415 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.979	3050396	17.644 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.327	2497416	16.927 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.690	2162016	21.661 ug/mlm
20) T Dibenz[a,h]anthracene...	17.730	3016054	19.216 ug/ml
21) T Benzo[g,h,i]perylene ...	17.939	2505435	18.091 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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