

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032422AR\
 Data File : FD041714.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2022 6:08
 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 03/25/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 25 07:01:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 22 17:33:18 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...	7.349	3033772	18.915 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
6) S 2-Fluorobiphenyl (SURR)	8.199	1998895	20.228 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.46%
11) S ortho-Terphenyl (SURR)	11.228	3938751	20.261 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.170	3540979	20.216 ug/ml
2) T Naphthalene (C11.7)	5.692	3365812	19.077 ug/ml
3) T 2-Methylnaphthalene (...)	6.737	3066936	19.169 ug/ml
5) T Acenaphthylene (C15.06)	7.999	3596746	19.436 ug/ml
7) T Acenaphthene (C15.5)	8.293	3635623	18.938 ug/ml
8) T Flouorene (C16.55)	9.071	3359515	19.043 ug/ml
9) T Phenanthrene (C19.36)	10.458	3444452	19.747 ug/ml
10) T Anthracene (C19.43)	10.533	3186787	17.509 ug/ml
12) T Fluoranthene (C21.85)	12.260	3347356	18.961 ug/ml
13) T Pyrene (C20.8)	12.553	3308430	19.569 ug/ml
14) T Benzo[a]anthracene (C...	14.423	2696828	18.036 ug/ml
15) T Chrysene (C27.41)	14.464	2981571	16.565 ug/ml
16) T benzo[b]fluoranthene ...	15.970	2735327	18.446 ug/ml
17) T Bnezo[k]fluoranthene ...	16.001	2849673	17.246 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.347	2573221	18.294 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.711	2262849	20.545 ug/ml
20) T Dibenz[a,h]anthracene...	17.750	2921661	20.181 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.960	2712699	20.440 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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