

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060122AR\
 Data File : FD042716.D
 Signal(s) : FID2B.CH
 Acq On : 01 Jun 2022 11:54
 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 06/02/2022
 Supervised By :Ankita Jodhani 06/02/2022

Integration File: autoint1.e
 Quant Time: Jun 02 04:46:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 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...	7.668	3106582	20.330 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
6) S 2-Fluorobiphenyl (SURR)	8.532	2074314	20.169 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.34%
11) S ortho-Terphenyl (SURR)	11.580	3502267	19.729 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.460	3532108	21.096 ug/ml
2) T Naphthalene (C11.7)	6.003	3686125	21.320 ug/ml
3) T 2-Methylnaphthalene (...)	7.057	3347394	20.991 ug/ml
5) T Acenaphthylene (C15.06)	8.335	3403549	19.700 ug/mlm
7) T Acenaphthene (C15.5)	8.631	3392299	19.715 ug/mlm
8) T Flouorene (C16.55)	9.414	3403855	20.275 ug/ml
9) T Phenanthrene (C19.36)	10.812	3213476	19.542 ug/ml
10) T Anthracene (C19.43)	10.886	2968698	19.423 ug/ml
12) T Fluoranthene (C21.85)	12.625	2923067	18.554 ug/ml
13) T Pyrene (C20.8)	12.923	2859589	18.367 ug/ml
14) T Benzo[a]anthracene (C...	14.796	2651156	19.884 ug/ml
15) T Chrysene (C27.41)	14.838	2678624	20.274 ug/ml
16) T benzo[b]fluoranthene ...	16.348	2738923	20.560 ug/ml
17) T Bnezo[k]fluoranthene ...	16.380	2602190	21.010 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.725	2582684	20.867 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.094	2426677	21.771 ug/mlm
20) T Dibenz[a,h]anthracene...	18.135	2662446	23.935 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.348	2556767	21.511 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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