

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062022AR\
 Data File : FD042968.D
 Signal(s) : FID2B.CH
 Acq On : 20 Jun 2022 12:35
 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 06/21/2022
 Supervised By :Ankita Jodhani 06/22/2022

Integration File: autoint1.e
 Quant Time: Jun 21 01:27:24 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...	7.658	2880364	18.849 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
6) S 2-Fluorobiphenyl (SURR)	8.526	1875831	18.239 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.48%
11) S ortho-Terphenyl (SURR)	11.573	3120296	17.577 ug/ml
Spiked Amount 50.000		Recovery =	35.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.447	3270037	19.531 ug/ml
2) T Naphthalene (C11.7)	5.992	3334366	19.286 ug/ml
3) T 2-Methylnaphthalene (...)	7.048	3030896	19.006 ug/ml
5) T Acenaphthylene (C15.06)	8.328	3135428	18.148 ug/ml
7) T Acenaphthene (C15.5)	8.625	3137830	18.236 ug/ml
8) T Flouorene (C16.55)	9.408	3039031	18.102 ug/ml
9) T Phenanthrene (C19.36)	10.810	2830652	17.214 ug/ml
10) T Anthracene (C19.43)	10.884	2582354	16.896 ug/ml
12) T Fluoranthene (C21.85)	12.627	2662922	16.902 ug/ml
13) T Pyrene (C20.8)	12.926	2605548	16.736 ug/ml
14) T Benzo[a]anthracene (C...	14.803	2569260	19.269 ug/ml
15) T Chrysene (C27.41)	14.845	2565345	19.417 ug/ml
16) T benzo[b]fluoranthene ...	16.359	2749379	20.639 ug/ml
17) T Bnezo[k]fluoranthene ...	16.392	2548765	20.578 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.739	2568978	20.756 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.110	2410885	21.630 ug/ml
20) T Dibenz[a,h]anthracene...	18.146	2686800	24.154 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.365	2534373	21.323 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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