

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060322AR\
 Data File : FD042764.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jun 2022 11:22
 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 06/06/2022
 Supervised By :Ankita Jodhani 06/06/2022

Integration File: autoint1.e
 Quant Time: Jun 03 23:50:17 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...	7.666	2924440	19.138 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
6) S 2-Fluorobiphenyl (SURR)	8.531	1955517	19.014 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.03%
11) S ortho-Terphenyl (SURR)	11.580	3229529	18.192 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.459	3256183	19.448 ug/ml
2) T Naphthalene (C11.7)	6.001	3365681	19.467 ug/ml
3) T 2-Methylnaphthalene (...)	7.055	3063982	19.214 ug/ml
5) T Acenaphthylene (C15.06)	8.334	3200754	18.526 ug/ml
7) T Acenaphthene (C15.5)	8.631	3219124	18.709 ug/ml
8) T Flouorene (C16.55)	9.412	3148647	18.755 ug/ml
9) T Phenanthrene (C19.36)	10.812	3009217	18.300 ug/ml
10) T Anthracene (C19.43)	10.886	2697732	17.650 ug/ml
12) T Fluoranthene (C21.85)	12.627	2768353	17.572 ug/ml
13) T Pyrene (C20.8)	12.925	2696426	17.319 ug/ml
14) T Benzo[a]anthracene (C...	14.798	2486223	18.647 ug/ml
15) T Chrysene (C27.41)	14.840	2583656	19.556 ug/ml
16) T benzo[b]fluoranthene ...	16.351	2590902	19.449 ug/ml
17) T Bnezo[k]fluoranthene ...	16.384	2451638	19.794 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.729	2417145	19.529 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.095	2301763	20.651 ug/mlm
20) T Dibenz[a,h]anthracene...	18.137	2589907	23.283 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.351	2428373	20.431 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

