

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047564.D
 Signal(s) : FID2B.ch
 Acq On : 24 Apr 2024 21:12
 Operator : YP/AJ
 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 04/25/2024
 Supervised By :Ankita Jodhani 04/25/2024

Integration File: autoint1.e
 Quant Time: Apr 25 02:07:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.461	3210441	21.474 ug/ml
Spiked Amount 50.000		Recovery =	42.95%
6) S 2-Fluorobiphenyl (SURR)	8.314	2107192	21.566 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.13%
11) S ortho-Terphenyl (SURR)	11.353	3669117	21.404 ug/ml
Spiked Amount 50.000		Recovery =	42.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	3390918	21.459 ug/ml
2) T Naphthalene (C11.7)	5.800	3530674	21.576 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	3551023	21.589 ug/ml
5) T Acenaphthylene (C15.06)	8.117	3224895	21.365 ug/ml
7) T Acenaphthene (C15.5)	8.412	3445957	21.515 ug/ml
8) T Flouorene (C16.55)	9.190	3301187	21.339 ug/ml
9) T Phenanthrene (C19.36)	10.580	3212064	21.589 ug/ml
10) T Anthracene (C19.43)	10.655	2850746	20.960 ug/ml
12) T Fluoranthene (C21.85)	12.385	3171810	21.456 ug/mlm
13) T Pyrene (C20.8)	12.679	3084287	21.371 ug/ml
14) T Benzo[a]anthracene (C...	14.547	2823918	21.473 ug/ml
15) T Chrysene (C27.41)	14.589	3055823	21.671 ug/ml
16) T benzo[b]fluoranthene ...	16.093	2995057	21.468 ug/ml
17) T Bnezo[k]fluoranthene ...	16.125	3021628	21.724 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	2945681	21.454 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	2554959	18.941 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	2783589	20.712 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	2824296	20.349 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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