

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014232.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 16:34
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
 Quant Time: May 14 17:29:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 17:29:42 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...	7.905	485188	4.624 ug/ml
Spiked Amount 50.000		Recovery =	9.25%
6) S 2-Fluorobiphenyl (SURR)	8.780	247483	4.089 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.18%
11) S ortho-Terphenyl (SURR)	11.836	755050	5.349 ug/ml
Spiked Amount 50.000		Recovery =	10.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.521	638892	5.278 ug/ml
2) T Naphthalene (C11.7)	6.184	554681	4.737 ug/ml
3) T 2-Methylnaphthalene (...)	7.277	524395	4.706 ug/ml
5) T Acenaphthylene (C15.06)	8.575	551477	4.912 ug/ml
7) T Acenaphthene (C15.5)	8.873	650519	5.143 ug/ml
8) T Flouorene (C16.55)	9.664	496819	4.666 ug/ml
9) T Phenanthrene (C19.36)	11.067	488992	4.721 ug/ml
10) T Anthracene (C19.43)	11.144	441149	4.841 ug/ml
12) T Fluoranthene (C21.85)	12.885	567366	4.985 ug/ml
13) T Pyrene (C20.8)	13.182	588948	5.273 ug/ml
14) T Benzo[a]anthracene (C...	15.067	282301	3.724 ug/ml
15) T Chrysene (C27.41)	15.105	615870	5.600 ug/ml
16) T benzo[b]fluoranthene ...	16.621	441646	4.401 ug/ml
17) T Bnezo[k]fluoranthene ...	16.652	694993	5.874 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.005	509679	4.855 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.380	333647	3.764 ug/mlm
20) T Dibenz[a,h]anthracene...	18.429	567648	5.337 ug/ml
21) T Benzo[g,h,i]perylene ...	18.626	640128	5.198 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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