

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052224AR\
 Data File : FF014261.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2024 09:27
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/23/2024
 Supervised By :Ankita Jodhani 05/23/2024

Integration File: autoint1.e
 Quant Time: May 22 11:53:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 052224.M
 Quant Title : GC Extractables
 QLast Update : Wed May 22 11:53:27 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	12282199	117.044 ug/ml
Spiked Amount 50.000		Recovery =	234.09%
6) S 2-Fluorobiphenyl (SURR)	8.778	7124488	119.531 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	239.06%#
11) S ortho-Terphenyl (SURR)	11.843	14910207	111.694 ug/ml
Spiked Amount 50.000		Recovery =	223.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.519	14264643	111.908 ug/ml
2) T Naphthalene (C11.7)	6.184	14402768	115.391 ug/ml
3) T 2-Methylnaphthalene (...)	7.279	13049949	116.382 ug/ml
5) T Acenaphthylene (C15.06)	8.580	14016484	113.532 ug/ml
7) T Acenaphthene (C15.5)	8.882	14722649	112.938 ug/ml
8) T Flouorene (C16.55)	9.666	10585979	109.095 ug/ml
9) T Phenanthrene (C19.36)	11.071	10866207	108.739 ug/ml
10) T Anthracene (C19.43)	11.144	9027702	97.646 ug/ml
12) T Fluoranthene (C21.85)	12.893	12563698	109.919 ug/ml
13) T Pyrene (C20.8)	13.193	12771861	110.254 ug/ml
14) T Benzo[a]anthracene (C...	15.065	5867344	110.338 ug/ml
15) T Chrysene (C27.41)	15.110	7148655	79.781 ug/ml
16) T benzo[b]fluoranthene ...	16.633	11753035	117.187 ug/ml
17) T Bnezo[k]fluoranthene ...	16.669	9441820	92.111 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.013	10082517	111.281 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.387	9180302	142.045 ug/mlm
20) T Dibenz[a,h]anthracene...	18.415	5446619	85.542 ug/ml
21) T Benzo[g,h,i]perylene ...	18.651	13344352	111.348 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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