

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
 Data File : FF014574.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 20:15
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e
 Quant Time: Oct 01 10:54:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 10:53:55 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...	7.869	502322	4.685 ug/ml
Spiked Amount 50.000		Recovery =	9.37%
6) S 2-Fluorobiphenyl (SURR)	8.749	235302	3.822 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.64%
11) S ortho-Terphenyl (SURR)	11.791	720513	5.263 ug/ml
Spiked Amount 50.000		Recovery =	10.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.476	687141	5.225 ug/ml
2) T Naphthalene (C11.7)	6.144	619674	4.818 ug/ml
3) T 2-Methylnaphthalene (...)	7.240	590374	4.688 ug/ml
5) T Acenaphthylene (C15.06)	8.534	656006	5.075 ug/ml
7) T Acenaphthene (C15.5)	8.830	728899	5.343 ug/ml
8) T Flouorene (C16.55)	9.627	580094	4.856 ug/ml
9) T Phenanthrene (C19.36)	11.029	514976	4.471 ug/ml
10) T Anthracene (C19.43)	11.110	578934	4.898 ug/ml
12) T Fluoranthene (C21.85)	12.848	586488	4.795 ug/ml
13) T Pyrene (C20.8)	13.140	624523	5.031 ug/ml
14) T Benzo[a]anthracene (C...	15.032	291906	3.346 ug/mlm
15) T Chrysene (C27.41)	15.071	873055	6.076 ug/ml
16) T benzo[b]fluoranthene ...	16.585	338179	3.499 ug/ml
17) T Bnezo[k]fluoranthene ...	16.620	809250	5.956 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.975	524529	4.784 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.360	231820	3.619 ug/mlm
20) T Dibenz[a,h]anthracene...	18.418	536288	4.930 ug/ml
21) T Benzo[g,h,i]perylene ...	18.587	645903	5.314 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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