

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092324AR\
 Data File : FG014330.D
 Signal(s) : FID1A.ch
 Acq On : 23 Sep 2024 10:15
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2024
 Supervised By :Ankita Jodhani 09/24/2024

Integration File: autoint1.e
 Quant Time: Sep 24 01:30:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 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...	7.870	2308939	20.638 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
6) S 2-Fluorobiphenyl (SURR)	8.744	1473663	20.241 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.48%
11) S ortho-Terphenyl (SURR)	11.808	2734964	20.290 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.471	2602913	20.219 ug/ml
2) T Naphthalene (C11.7)	6.140	2634027	20.881 ug/ml
3) T 2-Methylnaphthalene (...)	7.239	2750653	21.596 ug/ml
5) T Acenaphthylene (C15.06)	8.540	2589501	19.923 ug/ml
7) T Acenaphthene (C15.5)	8.839	2774466	20.034 ug/ml
8) T Fluorene (C16.55)	9.632	2647517	20.425 ug/ml
9) T Phenanthrene (C19.36)	11.038	2400523	19.862 ug/ml
10) T Anthracene (C19.43)	11.115	2771287	19.975 ug/ml
12) T Fluoranthene (C21.85)	12.863	2685612	20.716 ug/ml
13) T Pyrene (C20.8)	13.159	2717988	20.816 ug/ml
14) T Benzo[a]anthracene (C...	15.043	2265814	19.917 ug/mlm
15) T Chrysene (C27.41)	15.086	2988800	21.143 ug/ml
16) T benzo[b]fluoranthene ...	16.605	2259770	19.716 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.636	2740458	20.380 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.989	2477411	19.937 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.365	1503618	15.212 ug/mlm
20) T Dibenz[a,h]anthracene...	18.404	3385305	22.996 ug/ml
21) T Benzo[g,h,i]perylene ...	18.616	2535444	19.399 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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