

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
 Data File : FF014718.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 21:36
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e
 Quant Time: Oct 22 04:10:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:07:29 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...	7.977	751972	5.327 ug/ml
Spiked Amount 50.000		Recovery =	10.65%
6) S 2-Fluorobiphenyl (SURR)	8.847	497720	5.202 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.40%
11) S ortho-Terphenyl (SURR)	11.910	858884	5.303 ug/ml
Spiked Amount 50.000		Recovery =	10.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.596	802686	5.199 ug/ml
2) T Naphthalene (C11.7)	6.258	844043	5.195 ug/ml
3) T 2-Methylnaphthalene (...)	7.350	850502	5.165 ug/ml
5) T Acenaphthylene (C15.06)	8.648	839093	5.209 ug/ml
7) T Acenaphthene (C15.5)	8.948	841996	5.237 ug/ml
8) T Fluorene (C16.55)	9.735	836283	5.229 ug/ml
9) T Phenanthrene (C19.36)	11.137	825725	5.167 ug/mlm
10) T Anthracene (C19.43)	11.212	797839	5.227 ug/ml
12) T Fluoranthene (C21.85)	12.954	840481	5.263 ug/ml
13) T Pyrene (C20.8)	13.253	826740	5.224 ug/ml
14) T Benzo[a]anthracene (C...	15.127	805162	5.225 ug/ml
15) T Chrysene (C27.41)	15.169	831586	5.323 ug/ml
16) T benzo[b]fluoranthene ...	16.680	805805	5.207 ug/ml
17) T Bnezo[k]fluoranthene ...	16.712	774334	5.312 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.059	791992	5.234 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.425	712044	5.161 ug/ml
20) T Dibenz[a,h]anthracene...	18.467	805632	5.492 ug/ml
21) T Benzo[g,h,i]perylene ...	18.679	750689	5.176 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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