

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG103124AR\
 Data File : FG014608.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2024 13:45
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Nov 01 01:26:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:38:07 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...	8.010	2497525	19.895 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
6) S 2-Fluorobiphenyl (SURR)	8.884	1690623	19.628 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.26%
11) S ortho-Terphenyl (SURR)	11.956	2837280	19.163 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.615	2799322	20.661 ug/ml
2) T Naphthalene (C11.7)	6.285	2922318	20.364 ug/ml
3) T 2-Methylnaphthalene (...)	7.382	2947510	20.182 ug/ml
5) T Acenaphthylene (C15.06)	8.685	2867410	19.694 ug/ml
7) T Acenaphthene (C15.5)	8.986	2868419	19.821 ug/ml
8) T Fluorene (C16.55)	9.775	2815571	19.435 ug/ml
9) T Phenanthrene (C19.36)	11.183	2793683	18.980 ug/ml
10) T Anthracene (C19.43)	11.257	2611895	18.626 ug/ml
12) T Fluoranthene (C21.85)	13.004	2770593	18.734 ug/ml
13) T Pyrene (C20.8)	13.303	2743983	18.664 ug/ml
14) T Benzo[a]anthracene (C...	15.184	2597043	17.933 ug/mlm
15) T Chrysene (C27.41)	15.227	2634042	17.957 ug/ml
16) T benzo[b]fluoranthene ...	16.742	2613928	17.772 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.774	2436552	17.656 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.121	2518097	17.657 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.490	2317427	17.363 ug/mlm
20) T Dibenz[a,h]anthracene...	18.532	2457430	17.609 ug/ml
21) T Benzo[g,h,i]perylene ...	18.746	2468629	17.744 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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