

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121024AR\
 Data File : FG014960.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 19:30
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 11 00:36:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 17:48:21 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...	7.996	2357280	20.193 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
6) S 2-Fluorobiphenyl (SURR)	8.871	1562307	20.248 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.50%
11) S ortho-Terphenyl (SURR)	11.942	2650974	20.108 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.601	2649870	20.203 ug/ml
2) T Naphthalene (C11.7)	6.271	2686823	20.225 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	2602670	20.243 ug/ml
5) T Acenaphthylene (C15.06)	8.672	2657986	20.217 ug/ml
7) T Acenaphthene (C15.5)	8.971	2597858	20.233 ug/ml
8) T Fluorene (C16.55)	9.761	2561795	20.134 ug/ml
9) T Phenanthrene (C19.36)	11.169	2489670	20.110 ug/ml
10) T Anthracene (C19.43)	11.244	2372957	20.021 ug/ml
12) T Fluoranthene (C21.85)	12.992	2480655	19.964 ug/ml
13) T Pyrene (C20.8)	13.291	2464060	19.928 ug/ml
14) T Benzo[a]anthracene (C...	15.172	2310636	19.635 ug/ml
15) T Chrysene (C27.41)	15.213	2359544	19.585 ug/ml
16) T benzo[b]fluoranthene ...	16.730	2385428	19.586 ug/ml
17) T Bnezo[k]fluoranthene ...	16.762	2395873	19.389 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.110	2256149	19.209 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.478	1949613	17.143 ug/ml
20) T Dibenz[a,h]anthracene...	18.520	2187410	16.733 ug/ml
21) T Benzo[g,h,i]perylene ...	18.735	2291505	18.081 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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