

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AR\
 Data File : FG014461.D
 Signal(s) : FID1A.ch
 Acq On : 21 Oct 2024 19:11
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

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 04:31:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:30:07 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...	8.041	11445142	90.193 ug/ml
Spiked Amount 50.000		Recovery =	180.39%
6) S 2-Fluorobiphenyl (SURR)	8.919	7906331	90.714 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	181.43%#
11) S ortho-Terphenyl (SURR)	11.993	13392311	89.617 ug/ml
Spiked Amount 50.000		Recovery =	179.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.640	12446477	90.201 ug/ml
2) T Naphthalene (C11.7)	6.314	13219656	90.696 ug/ml
3) T 2-Methylnaphthalene (...)	7.414	13436105	90.592 ug/ml
5) T Acenaphthylene (C15.06)	8.720	13296506	90.404 ug/ml
7) T Acenaphthene (C15.5)	9.022	13272778	90.664 ug/ml
8) T Flouorene (C16.55)	9.813	13245341	90.494 ug/ml
9) T Phenanthrene (C19.36)	11.223	13458381	90.575 ug/ml
10) T Anthracene (C19.43)	11.301	12748608	89.987 ug/ml
12) T Fluoranthene (C21.85)	13.050	13469156	90.432 ug/ml
13) T Pyrene (C20.8)	13.350	13415461	90.629 ug/ml
14) T Benzo[a]anthracene (C...	15.232	13315853	91.516 ug/ml
15) T Chrysene (C27.41)	15.281	13441483	91.191 ug/ml
16) T benzo[b]fluoranthene ...	16.794	13784033	93.927 ug/ml
17) T Bnezo[k]fluoranthene ...	16.833	12812088	93.113 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.178	13241162	93.030 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.549	12956528	98.569 ug/ml
20) T Dibenz[a,h]anthracene...	18.591	12603686	90.848 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.813	12975069	93.768 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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