

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG103024AR\
 Data File : FG014576.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2024 12:21
 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 10/31/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Oct 31 06:43:37 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...	8.014	2435627	19.402 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
6) S 2-Fluorobiphenyl (SURR)	8.888	1662250	19.298 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.60%
11) S ortho-Terphenyl (SURR)	11.959	2785865	18.816 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.619	2702621	19.947 ug/ml
2) T Naphthalene (C11.7)	6.289	2840161	19.792 ug/ml
3) T 2-Methylnaphthalene (...)	7.386	2868660	19.642 ug/ml
5) T Acenaphthylene (C15.06)	8.689	2814418	19.330 ug/ml
7) T Acenaphthene (C15.5)	8.989	2806606	19.394 ug/ml
8) T Flouorene (C16.55)	9.779	2770170	19.121 ug/ml
9) T Phenanthrene (C19.36)	11.187	2774026	18.847 ug/ml
10) T Anthracene (C19.43)	11.261	2627119	18.734 ug/ml
12) T Fluoranthene (C21.85)	13.009	2731169	18.467 ug/ml
13) T Pyrene (C20.8)	13.308	2705497	18.403 ug/ml
14) T Benzo[a]anthracene (C...	15.188	2572906	17.766 ug/mlm
15) T Chrysene (C27.41)	15.231	2601164	17.733 ug/ml
16) T benzo[b]fluoranthene ...	16.744	2569205	17.468 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.777	2408948	17.456 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.125	2499126	17.524 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.493	2305040	17.270 ug/mlm
20) T Dibenz[a,h]anthracene...	18.535	2412893	17.290 ug/ml
21) T Benzo[g,h,i]perylene ...	18.751	2440789	17.543 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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