

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091324AR\
 Data File : FG014228.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2024 18:40
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :Ankita Jodhani 09/16/2024

Integration File: autoint1.e
 Quant Time: Sep 14 04:51:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 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...	7.879	2194598	19.616 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
6) S 2-Fluorobiphenyl (SURR)	8.753	1426498	19.593 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.19%
11) S ortho-Terphenyl (SURR)	11.820	2594358	19.246 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.482	2429918	18.875 ug/ml
2) T Naphthalene (C11.7)	6.151	2505109	19.859 ug/ml
3) T 2-Methylnaphthalene (...)	7.250	2600217	20.415 ug/ml
5) T Acenaphthylene (C15.06)	8.551	2501743	19.248 ug/ml
7) T Acenaphthene (C15.5)	8.850	2644967	19.099 ug/ml
8) T Flouorene (C16.55)	9.642	2539781	19.594 ug/ml
9) T Phenanthrene (C19.36)	11.050	2355888	19.493 ug/ml
10) T Anthracene (C19.43)	11.126	2608460	18.802 ug/ml
12) T Fluoranthene (C21.85)	12.875	2556432	19.720 ug/ml
13) T Pyrene (C20.8)	13.172	2582896	19.781 ug/ml
14) T Benzo[a]anthracene (C...	15.056	2207647	19.406 ug/mlm
15) T Chrysene (C27.41)	15.099	2731876	19.325 ug/ml
16) T benzo[b]fluoranthene ...	16.618	2301459	20.080 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.650	2629388	19.554 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.001	2399912	19.314 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.376	1786225	18.071 ug/mlm
20) T Dibenz[a,h]anthracene...	18.414	3131471	21.272 ug/ml
21) T Benzo[g,h,i]perylene ...	18.631	2575465	19.705 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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