

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090424AR\
 Data File : FG014168.D
 Signal(s) : FID1A.ch
 Acq On : 04 Sep 2024 11:12
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/04/2024
 Supervised By :Ankita Jodhani 09/04/2024

Integration File: autoint1.e
 Quant Time: Sep 04 11:26:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:26:46 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...	7.895	508804	4.548 ug/ml
Spiked Amount 50.000		Recovery =	9.10%
6) S 2-Fluorobiphenyl (SURR)	8.775	305099	4.191 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.38%
11) S ortho-Terphenyl (SURR)	11.832	681741	5.058 ug/ml
Spiked Amount 50.000		Recovery =	10.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	630987	4.901 ug/ml
2) T Naphthalene (C11.7)	6.164	524504	4.158 ug/ml
3) T 2-Methylnaphthalene (...)	7.266	538467	4.228 ug/ml
5) T Acenaphthylene (C15.06)	8.566	605405	4.658 ug/ml
7) T Acenaphthene (C15.5)	8.864	722250	5.215 ug/ml
8) T Flouorene (C16.55)	9.661	610468	4.710 ug/ml
9) T Phenanthrene (C19.36)	11.073	520580	4.307 ug/ml
10) T Anthracene (C19.43)	11.152	762499	5.496 ug/ml
12) T Fluoranthene (C21.85)	12.899	618524	4.771 ug/ml
13) T Pyrene (C20.8)	13.194	656071	5.024 ug/ml
14) T Benzo[a]anthracene (C...	15.085	478830	4.209 ug/ml
15) T Chrysene (C27.41)	15.125	814353	5.761 ug/ml
16) T benzo[b]fluoranthene ...	16.643	465608	4.062 ug/ml
17) T Bnezo[k]fluoranthene ...	16.673	801127	5.958 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.025	617193	5.029 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.403	370988	3.753 ug/ml
20) T Dibenz[a,h]anthracene...	18.439	855207	5.821 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.652	628026	4.805 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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