

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
 Data File : FF014575.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 20:44
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :Ankita Jodhani 10/02/2024

Integration File: autoint1.e
 Quant Time: Oct 01 11:03:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 11:02:50 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...	7.862	2264839	21.122 ug/ml
Spiked Amount 50.000		Recovery =	42.24%
6) S 2-Fluorobiphenyl (SURR)	8.732	1330407	21.531 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.06%
11) S ortho-Terphenyl (SURR)	11.791	2843284	20.768 ug/ml
Spiked Amount 50.000		Recovery =	41.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	2728738	20.750 ug/ml
2) T Naphthalene (C11.7)	6.139	2709209	21.065 ug/ml
3) T 2-Methylnaphthalene (...)	7.233	2687558	21.341 ug/ml
5) T Acenaphthylene (C15.06)	8.530	2676198	20.703 ug/ml
7) T Acenaphthene (C15.5)	8.829	2802730	20.546 ug/ml
8) T Fluorene (C16.55)	9.618	2513957	21.046 ug/ml
9) T Phenanthrene (C19.36)	11.020	2436662	21.155 ug/ml
10) T Anthracene (C19.43)	11.096	2544710	21.527 ug/ml
12) T Fluoranthene (C21.85)	12.837	2583318	21.119 ug/ml
13) T Pyrene (C20.8)	13.134	2616183	21.073 ug/ml
14) T Benzo[a]anthracene (C...	15.011	1975006	22.381 ug/mlm
15) T Chrysene (C27.41)	15.053	2854096	19.863 ug/ml
16) T benzo[b]fluoranthene ...	16.567	2156108	22.311 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.597	2759728	20.310 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.946	2228357	20.326 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.320	1178757	18.387 ug/mlm
20) T Dibenz[a,h]anthracene...	18.367	2060619	19.537 ug/ml
21) T Benzo[g,h,i]perylene ...	18.566	2345174	19.296 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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