

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101524AR\
 Data File : FF014693.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 17:26
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 02:26:45 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...	7.856	2171521	20.252 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
6) S 2-Fluorobiphenyl (SURR)	8.726	1299991	21.039 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.08%
11) S ortho-Terphenyl (SURR)	11.784	2807707	20.508 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.469	2611552	19.859 ug/ml
2) T Naphthalene (C11.7)	6.133	2636944	20.503 ug/ml
3) T 2-Methylnaphthalene (...)	7.228	2677908	21.265 ug/ml
5) T Acenaphthylene (C15.06)	8.524	2624245	20.301 ug/ml
7) T Acenaphthene (C15.5)	8.823	2793826	20.481 ug/ml
8) T Fluorene (C16.55)	9.612	2549778	21.345 ug/ml
9) T Phenanthrene (C19.36)	11.013	2493632	21.650 ug/ml
10) T Anthracene (C19.43)	11.089	2723450	23.039 ug/ml
12) T Fluoranthene (C21.85)	12.830	2715016	22.196 ug/ml
13) T Pyrene (C20.8)	13.125	2745896	22.118 ug/ml
14) T Benzo[a]anthracene (C...	15.002	2200775	24.940 ug/mlm
15) T Chrysene (C27.41)	15.044	3017440	21.000 ug/ml
16) T benzo[b]fluoranthene ...	16.558	2298929	23.789 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.588	2723597	20.044 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.936	2391965	21.818 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.306	1548008	24.147 ug/mlm
20) T Dibenz[a,h]anthracene...	18.351	2367470	22.447 ug/ml
21) T Benzo[g,h,i]perylene ...	18.556	2513062	20.677 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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