

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083024AR\
 Data File : FD048251.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2024 07:18
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/03/2024
 Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e
 Quant Time: Aug 31 02:51:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.393	3139593	21.034 ug/ml
Spiked Amount 50.000		Recovery =	42.07%
6) S 2-Fluorobiphenyl (SURR)	8.243	2050251	21.420 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.84%
11) S ortho-Terphenyl (SURR)	11.279	3588328	21.303 ug/ml
Spiked Amount 50.000		Recovery =	42.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.214	3580683	21.006 ug/ml
2) T Naphthalene (C11.7)	5.733	3681499	21.128 ug/ml
3) T 2-Methylnaphthalene (...)	6.780	3665707	21.079 ug/ml
5) T Acenaphthylene (C15.06)	8.046	3610102	20.967 ug/ml
7) T Acenaphthene (C15.5)	8.340	3663259	21.156 ug/ml
8) T Flouorene (C16.55)	9.118	3506141	21.261 ug/ml
9) T Phenanthrene (C19.36)	10.505	3437223	21.477 ug/ml
10) T Anthracene (C19.43)	10.581	3093586	19.722 ug/ml
12) T Fluoranthene (C21.85)	12.308	3394874	21.323 ug/ml
13) T Pyrene (C20.8)	12.602	3392019	21.614 ug/ml
14) T Benzo[a]anthracene (C...	14.469	3036016	21.553 ug/mlm
15) T Chrysene (C27.41)	14.511	3280798	20.582 ug/ml
16) T benzo[b]fluoranthene ...	16.015	3181471	21.428 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.046	3085691	20.800 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.391	3166505	21.501 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	2664486	21.798 ug/ml
20) T Dibenz[a,h]anthracene...	17.793	3375547	22.097 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	3039433	20.127 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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