

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111224AR\
 Data File : FD048708.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2024 09:22
 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 11/13/2024
 Supervised By :Ankita Jodhani 11/13/2024

Integration File: autoint1.e
 Quant Time: Nov 12 23:22:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.378	3186748	20.996 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
6) S 2-Fluorobiphenyl (SURR)	8.230	2094948	21.335 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.67%
11) S ortho-Terphenyl (SURR)	11.265	3547664	20.827 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.199	3677679	21.140 ug/ml
2) T Naphthalene (C11.7)	5.719	3791448	21.248 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	3775000	21.105 ug/ml
5) T Acenaphthylene (C15.06)	8.033	3642731	20.745 ug/ml
7) T Acenaphthene (C15.5)	8.327	3694154	20.828 ug/ml
8) T Fluorene (C16.55)	9.106	3571959	21.131 ug/ml
9) T Phenanthrene (C19.36)	10.495	3466847	20.972 ug/ml
10) T Anthracene (C19.43)	10.571	3026504	18.926 ug/ml
12) T Fluoranthene (C21.85)	12.301	3477573	21.130 ug/ml
13) T Pyrene (C20.8)	12.594	3415525	21.204 ug/ml
14) T Benzo[a]anthracene (C...	14.466	3160512	21.615 ug/ml
15) T Chrysene (C27.41)	14.507	3282947	19.958 ug/ml
16) T benzo[b]fluoranthene ...	16.015	3313065	21.792 ug/ml
17) T Bnezo[k]fluoranthene ...	16.046	3237832	21.542 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.391	3278875	21.787 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.756	2912413	22.321 ug/ml
20) T Dibenz[a,h]anthracene...	17.796	3273411	20.115 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.008	3407737	22.259 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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