

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110424AR\
 Data File : FD048662.D
 Signal(s) : FID2B.ch
 Acq On : 05 Nov 2024 05:24
 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 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e
 Quant Time: Nov 05 05:56:54 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...	7.369	3185259	20.986 ug/ml
Spiked Amount 50.000		Recovery =	41.97%
6) S 2-Fluorobiphenyl (SURR)	8.219	2060797	20.987 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.97%
11) S ortho-Terphenyl (SURR)	11.252	3586393	21.054 ug/ml
Spiked Amount 50.000		Recovery =	42.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.192	3619561	20.805 ug/ml
2) T Naphthalene (C11.7)	5.710	3737234	20.945 ug/ml
3) T 2-Methylnaphthalene (...)	6.756	3726998	20.837 ug/ml
5) T Acenaphthylene (C15.06)	8.021	3598722	20.495 ug/ml
7) T Acenaphthene (C15.5)	8.315	3695707	20.837 ug/ml
8) T Flouorene (C16.55)	9.094	3561551	21.070 ug/ml
9) T Phenanthrene (C19.36)	10.480	3467954	20.979 ug/ml
10) T Anthracene (C19.43)	10.555	2631373	16.455 ug/ml
12) T Fluoranthene (C21.85)	12.283	3491474	21.215 ug/ml
13) T Pyrene (C20.8)	12.576	3425657	21.267 ug/ml
14) T Benzo[a]anthracene (C...	14.445	3097456	21.184 ug/ml
15) T Chrysene (C27.41)	14.487	3302156	20.075 ug/ml
16) T benzo[b]fluoranthene ...	15.991	3328034	21.891 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	3307591	22.006 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	3180892	21.136 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	2868106	21.982 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	3791804	23.300 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.981	3199803	20.901 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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