

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048897.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 09:05
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 21 04:02:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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...	7.360	3252401	19.309 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
6) S 2-Fluorobiphenyl (SURR)	8.211	1950670	18.882 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.76%
11) S ortho-Terphenyl (SURR)	11.243	3336120	18.778 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.183	3713381	19.613 ug/ml
2) T Naphthalene (C11.7)	5.700	3731373	19.527 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	3567263	19.305 ug/ml
5) T Acenaphthylene (C15.06)	8.012	3524033	18.882 ug/ml
7) T Acenaphthene (C15.5)	8.305	3605067	19.357 ug/ml
8) T Flouorene (C16.55)	9.085	3371969	18.871 ug/ml
9) T Phenanthrene (C19.36)	10.471	3060913	18.326 ug/ml
10) T Anthracene (C19.43)	10.548	3092138	18.219 ug/ml
12) T Fluoranthene (C21.85)	12.276	2963371	18.104 ug/ml
13) T Pyrene (C20.8)	12.569	2983753	18.345 ug/ml
14) T Benzo[a]anthracene (C...	14.439	2466941	18.673 ug/ml
15) T Chrysene (C27.41)	14.480	3029341	18.765 ug/ml
16) T benzo[b]fluoranthene ...	15.985	2686532	19.955 ug/ml
17) T Bnezo[k]fluoranthene ...	16.016	2909035	19.098 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.363	2693007	19.471 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.730	1893700	17.770 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	2839636	19.580 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	2741184	19.551 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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