

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112524AR\
 Data File : FD048812.D
 Signal(s) : FID2B.ch
 Acq On : 25 Nov 2024 12:26
 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 11/26/2024
 Supervised By :Ankita Jodhani 11/26/2024

Integration File: autoint1.e
 Quant Time: Nov 26 00:57:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.363	3502141	19.892 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
6) S 2-Fluorobiphenyl (SURR)	8.213	2300346	19.973 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.95%
11) S ortho-Terphenyl (SURR)	11.249	3942057	20.496 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	3950752	20.963 ug/ml
2) T Naphthalene (C11.7)	5.704	4097193	20.950 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	4114926	21.532 ug/ml
5) T Acenaphthylene (C15.06)	8.016	3988838	20.569 ug/ml
7) T Acenaphthene (C15.5)	8.310	4067293	21.146 ug/ml
8) T Flouorene (C16.55)	9.089	3923691	20.452 ug/ml
9) T Phenanthrene (C19.36)	10.476	3805678	20.762 ug/ml
10) T Anthracene (C19.43)	10.551	3213339	17.159 ug/ml
12) T Fluoranthene (C21.85)	12.280	3803755	20.772 ug/ml
13) T Pyrene (C20.8)	12.573	3663338	20.263 ug/ml
14) T Benzo[a]anthracene (C...	14.442	3278730	19.931 ug/ml
15) T Chrysene (C27.41)	14.484	3590033	20.513 ug/ml
16) T benzo[b]fluoranthene ...	15.989	3147383	20.032 ug/ml
17) T Bnezo[k]fluoranthene ...	16.021	3343773	20.489 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	3007405	20.171 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.730	2442968	19.776 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	3324291	21.199 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	2715664	19.032 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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