

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123124AR\
 Data File : FD048925.D
 Signal(s) : FID2B.ch
 Acq On : 31 Dec 2024 13:27
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2024
 Supervised By :Ankita Jodhani 01/02/2025

Integration File: autoint1.e
 Quant Time: Dec 31 14:04:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 12:22:13 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...	7.359	3294474	20.708 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
6) S 2-Fluorobiphenyl (SURR)	8.210	2108445	21.560 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.12%
11) S ortho-Terphenyl (SURR)	11.242	3803693	20.726 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.182	3621383	21.005 ug/ml
2) T Naphthalene (C11.7)	5.700	3799739	20.923 ug/ml
3) T 2-Methylnaphthalene (...)	6.746	3850669	20.888 ug/ml
5) T Acenaphthylene (C15.06)	8.011	3815365	20.739 ug/ml
7) T Acenaphthene (C15.5)	8.304	3907470	20.591 ug/ml
8) T Fluorene (C16.55)	9.084	3742387	20.994 ug/ml
9) T Phenanthrene (C19.36)	10.471	3693872	21.064 ug/ml
10) T Anthracene (C19.43)	10.548	3525316	20.777 ug/ml
12) T Fluoranthene (C21.85)	12.276	3782365	20.929 ug/ml
13) T Pyrene (C20.8)	12.568	3667206	20.399 ug/ml
14) T Benzo[a]anthracene (C...	14.439	3390488	21.520 ug/ml
15) T Chrysene (C27.41)	14.481	3867135	20.019 ug/ml
16) T benzo[b]fluoranthene ...	15.987	3516968	21.269 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	3588319	19.807 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	3475929	20.862 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	2772837	20.838 ug/ml
20) T Dibenz[a,h]anthracene...	17.768	3859508	20.928 ug/ml
21) T Benzo[g,h,i]perylene ...	17.978	3452999	20.682 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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