

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031924AR\  
 Data File : FD047385.D  
 Signal(s) : FID2B.ch  
 Acq On : 19 Mar 2024 12:58  
 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 03/20/2024  
 Supervised By :Ankita Jodhani 03/20/2024

Integration File: autoint1.e  
 Quant Time: Mar 20 05:03:02 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 030424.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 04 13:13:44 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
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System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.454	3432506	20.783 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
6) S 2-Fluorobiphenyl (SURR)	8.306	2220730	20.871 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.74%
11) S ortho-Terphenyl (SURR)	11.339	3868426	20.728 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	3685474	20.737 ug/ml
2) T Naphthalene (C11.7)	5.795	3793869	20.803 ug/ml
3) T 2-Methylnaphthalene (...)	6.843	3804364	20.860 ug/ml
5) T Acenaphthylene (C15.06)	8.109	3438810	20.626 ug/ml
7) T Acenaphthene (C15.5)	8.404	3674006	20.854 ug/ml
8) T Fluorene (C16.55)	9.182	3463845	20.563 ug/ml
9) T Phenanthrene (C19.36)	10.568	3319064	20.494 ug/ml
10) T Anthracene (C19.43)	10.642	2965129	20.148 ug/ml
12) T Fluoranthene (C21.85)	12.368	3247001	20.367 ug/ml
13) T Pyrene (C20.8)	12.661	3173490	20.513 ug/ml
14) T Benzo[a]anthracene (C...	14.524	2697699	19.900 ug/ml
15) T Chrysene (C27.41)	14.566	2951590	19.883 ug/ml
16) T benzo[b]fluoranthene ...	16.065	2825437	20.127 ug/ml
17) T Bnezo[k]fluoranthene ...	16.097	2846493	20.101 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.439	2758852	19.972 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.797	2371779	18.977 ug/ml
20) T Dibenz[a,h]anthracene...	17.836	2515459	19.075 ug/ml
21) T Benzo[g,h,i]perylene ...	18.047	2655871	19.766 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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