

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090524AR\
 Data File : FD048275.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2024 13:10
 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 09/06/2024
 Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e
 Quant Time: Sep 06 05:10:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.391	2811047	18.833 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
6) S 2-Fluorobiphenyl (SURR)	8.242	1770300	18.495 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.99%
11) S ortho-Terphenyl (SURR)	11.277	3165202	18.791 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.212	3179133	18.651 ug/ml
2) T Naphthalene (C11.7)	5.732	3261034	18.715 ug/ml
3) T 2-Methylnaphthalene (...)	6.778	3246693	18.669 ug/ml
5) T Acenaphthylene (C15.06)	8.044	3181965	18.480 ug/ml
7) T Acenaphthene (C15.5)	8.338	3245314	18.742 ug/ml
8) T Fluorene (C16.55)	9.117	3104382	18.825 ug/ml
9) T Phenanthrene (C19.36)	10.504	2961735	18.506 ug/ml
10) T Anthracene (C19.43)	10.580	2575200	16.417 ug/ml
12) T Fluoranthene (C21.85)	12.307	2952934	18.547 ug/ml
13) T Pyrene (C20.8)	12.600	2936706	18.712 ug/ml
14) T Benzo[a]anthracene (C...	14.468	2570039	18.245 ug/mlm
15) T Chrysene (C27.41)	14.509	2814636	17.658 ug/ml
16) T benzo[b]fluoranthene ...	16.013	2741405	18.464 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.044	2561061	17.264 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.390	2711400	18.411 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.752	2013708	16.474 ug/ml
20) T Dibenz[a,h]anthracene...	17.792	2933453	19.203 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	2547951	16.873 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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