

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090123AR\
 Data File : FD046416.D
 Signal(s) : FID2B.ch
 Acq On : 01 Sep 2023 09:15
 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 09/05/2023
 Supervised By :Ankita Jodhani 09/05/2023

Integration File: autoint1.e
 Quant Time: Sep 01 23:51:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 2023
 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...	7.495	3665989	21.707 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
6) S 2-Fluorobiphenyl (SURR)	8.348	2418130	21.728 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.46%
11) S ortho-Terphenyl (SURR)	11.386	4313002	21.991 ug/ml
Spiked Amount 50.000		Recovery =	43.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.308	3784663	21.538 ug/ml
2) T Naphthalene (C11.7)	5.835	3990692	21.652 ug/ml
3) T 2-Methylnaphthalene (...)	6.883	4021705	21.660 ug/ml
5) T Acenaphthylene (C15.06)	8.152	3665581	21.540 ug/ml
7) T Acenaphthene (C15.5)	8.447	3924169	21.782 ug/ml
8) T Flouorene (C16.55)	9.226	3824102	21.865 ug/ml
9) T Phenanthrene (C19.36)	10.614	3735953	21.774 ug/ml
10) T Anthracene (C19.43)	10.688	3286785	19.484 ug/ml
12) T Fluoranthene (C21.85)	12.417	3692122	22.192 ug/ml
13) T Pyrene (C20.8)	12.711	3525981	21.877 ug/ml
14) T Benzo[a]anthracene (C...	14.574	3013700	21.421 ug/ml
15) T Chrysene (C27.41)	14.616	3196661	21.550 ug/ml
16) T benzo[b]fluoranthene ...	16.115	2956518	21.758 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.148	3003082	22.136 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.490	2814879	21.363 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.846	2658629	21.314 ug/mlm
20) T Dibenz[a,h]anthracene...	17.887	2860596	22.829 ug/ml
21) T Benzo[g,h,i]perylene ...	18.098	2769727	21.598 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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