

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD113023AR\
 Data File : FD046988.D
 Signal(s) : FID2B.ch
 Acq On : 30 Nov 2023 08:56
 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 12/01/2023
 Supervised By :Ankita Jodhani 12/01/2023

Integration File: autoint1.e
 Quant Time: Nov 30 23:25:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 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...	7.475	3605999	20.843 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
6) S 2-Fluorobiphenyl (SURR)	8.328	2356209	21.668 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.34%
11) S ortho-Terphenyl (SURR)	11.365	4327475	21.747 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	3722372	20.006 ug/ml
2) T Naphthalene (C11.7)	5.814	3918707	20.578 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	3968396	20.607 ug/ml
5) T Acenaphthylene (C15.06)	8.131	3667188	21.067 ug/ml
7) T Acenaphthene (C15.5)	8.426	3924675	21.163 ug/ml
8) T Fluorene (C16.55)	9.205	3748269	21.715 ug/ml
9) T Phenanthrene (C19.36)	10.593	3599918	21.926 ug/ml
10) T Anthracene (C19.43)	10.667	3334926	21.566 ug/ml
12) T Fluoranthene (C21.85)	12.396	3554287	22.425 ug/ml
13) T Pyrene (C20.8)	12.690	3453213	22.570 ug/ml
14) T Benzo[a]anthracene (C...	14.552	2823046	21.772 ug/mlm
15) T Chrysene (C27.41)	14.594	3045196	21.245 ug/mlm
16) T benzo[b]fluoranthene ...	16.095	2957511	22.142 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	3029743	22.176 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	2815888	21.494 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.826	2371764	19.877 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	2566533	19.752 ug/ml
21) T Benzo[g,h,i]perylene ...	18.077	2670368	20.409 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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