

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062023AR\
 Data File : FD045899.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 09:20
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :Ankita Jodhani 06/21/2023

Integration File: autoint1.e
 Quant Time: Jun 20 13:18:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.520	3819055	21.183 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
6) S 2-Fluorobiphenyl (SURR)	8.375	2478331	20.614 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.23%
11) S ortho-Terphenyl (SURR)	11.415	4507362	20.179 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.331	4386164	21.727 ug/ml
2) T Naphthalene (C11.7)	5.860	4518541	21.324 ug/ml
3) T 2-Methylnaphthalene (...)	6.909	4493163	21.274 ug/ml
5) T Acenaphthylene (C15.06)	8.179	3922984	20.706 ug/ml
7) T Acenaphthene (C15.5)	8.475	4208848	20.817 ug/ml
8) T Fluorene (C16.55)	9.253	4039817	20.389 ug/ml
9) T Phenanthrene (C19.36)	10.643	3780736	19.762 ug/ml
10) T Anthracene (C19.43)	10.717	3290029	19.313 ug/ml
12) T Fluoranthene (C21.85)	12.446	3544851	19.187 ug/ml
13) T Pyrene (C20.8)	12.740	3427022	19.188 ug/ml
14) T Benzo[a]anthracene (C...	14.603	3042676	19.434 ug/ml
15) T Chrysene (C27.41)	14.645	3205705	19.431 ug/ml
16) T benzo[b]fluoranthene ...	16.144	3132612	20.698 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.177	3107625	20.073 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	3075069	21.028 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.876	3079490	21.025 ug/ml
20) T Dibenz[a,h]anthracene...	17.919	3240339	21.600 ug/ml
21) T Benzo[g,h,i]perylene ...	18.130	3187391	21.601 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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