

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090122AR\
 Data File : FD043790.D
 Signal(s) : FID2B.ch
 Acq On : 01 Sep 2022 09:51
 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 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 01:42:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 2022
 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...	7.440	3344729	19.358 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
6) S 2-Fluorobiphenyl (SURR)	8.295	2063735	20.516 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.03%
11) S ortho-Terphenyl (SURR)	11.326	3922444	18.749 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.250	3896921	19.568 ug/ml
2) T Naphthalene (C11.7)	5.781	3865523	19.232 ug/ml
3) T 2-Methylnaphthalene (...)	6.827	3473786	19.246 ug/ml
5) T Acenaphthylene (C15.06)	8.096	3755090	18.786 ug/ml
7) T Acenaphthene (C15.5)	8.389	3990353	18.563 ug/ml
8) T Flouorene (C16.55)	9.169	3637552	18.974 ug/ml
9) T Phenanthrene (C19.36)	10.561	3457534	19.227 ug/ml
10) T Anthracene (C19.43)	10.637	3162947	16.261 ug/ml
12) T Fluoranthene (C21.85)	12.364	3311934	18.161 ug/mlm
13) T Pyrene (C20.8)	12.660	3394411	18.185 ug/ml
14) T Benzo[a]anthracene (C...	14.527	2757331	19.271 ug/mlm
15) T Chrysene (C27.41)	14.570	3368637	17.453 ug/ml
16) T benzo[b]fluoranthene ...	16.073	2800728	19.409 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.103	2808175	16.327 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.452	2498758	17.208 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	2443273	23.625 ug/mlm
20) T Dibenz[a,h]anthracene...	17.849	2660909	18.909 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.063	2700774	21.215 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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