

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044590.D
 Signal(s) : FID2B.ch
 Acq On : 03 Dec 2022 03:17
 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 12/05/2022
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: sample.E
 Quant Time: Dec 03 03:47:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.679	2585722	19.924 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
6) S 2-Fluorobiphenyl (SURR)	8.537	1757572	19.901 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.80%
11) S ortho-Terphenyl (SURR)	11.566	3263250	20.051 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	2860282	20.043 ug/ml
2) T Naphthalene (C11.7)	6.026	2998129	19.940 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	3005891	19.895 ug/ml
5) T Acenaphthylene (C15.06)	8.341	2749351	19.777 ug/ml
7) T Acenaphthene (C15.5)	8.636	2932647	19.983 ug/ml
8) T Flouorene (C16.55)	9.412	2885038	20.009 ug/ml
9) T Phenanthrene (C19.36)	10.802	2835899	19.887 ug/ml
10) T Anthracene (C19.43)	10.875	2625776	18.899 ug/ml
12) T Fluoranthene (C21.85)	12.603	2852784	20.011 ug/ml
13) T Pyrene (C20.8)	12.899	2783201	19.999 ug/ml
14) T Benzo[a]anthracene (C...	14.759	2579347	19.935 ug/mlm
15) T Chrysene (C27.41)	14.801	2784568	20.655 ug/ml
16) T benzo[b]fluoranthene ...	16.299	2649872	20.133 ug/ml
17) T Bnezo[k]fluoranthene ...	16.331	2688845	20.649 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	2562311	19.826 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.029	2481748	19.472 ug/mlm
20) T Dibenz[a,h]anthracene...	18.070	2624991	20.863 ug/ml
21) T Benzo[g,h,i]perylene ...	18.283	2578260	20.046 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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