

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044578.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 15:51
 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 12/05/2022
 Supervised By :Ankita Jodhani 12/05/2022

Integration File: sample.E
 Quant Time: Dec 03 01:45:09 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	2555652	19.692 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
6) S 2-Fluorobiphenyl (SURR)	8.536	1734512	19.640 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.28%
11) S ortho-Terphenyl (SURR)	11.567	3210296	19.726 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	2815589	19.730 ug/ml
2) T Naphthalene (C11.7)	6.026	2969053	19.747 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	2974041	19.684 ug/ml
5) T Acenaphthylene (C15.06)	8.341	2715208	19.532 ug/ml
7) T Acenaphthene (C15.5)	8.636	2884476	19.655 ug/ml
8) T Flouorene (C16.55)	9.412	2850381	19.769 ug/ml
9) T Phenanthrene (C19.36)	10.801	2793373	19.589 ug/ml
10) T Anthracene (C19.43)	10.875	2589855	18.641 ug/ml
12) T Fluoranthene (C21.85)	12.603	2809119	19.705 ug/ml
13) T Pyrene (C20.8)	12.899	2730376	19.619 ug/ml
14) T Benzo[a]anthracene (C...	14.759	2511500	19.410 ug/ml
15) T Chrysene (C27.41)	14.800	2732838	20.271 ug/ml
16) T benzo[b]fluoranthene ...	16.298	2609274	19.824 ug/ml
17) T Bnezo[k]fluoranthene ...	16.330	2635597	20.240 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	2522883	19.521 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.028	2456958	19.278 ug/mlm
20) T Dibenz[a,h]anthracene...	18.070	2574377	20.460 ug/ml
21) T Benzo[g,h,i]perylene ...	18.282	2523698	19.622 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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