

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044568.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 09:05
 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 12/02/2022
 Supervised By :Ankita Jodhani 12/02/2022

Integration File: autoint1.e
 Quant Time: Dec 02 09:39:18 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	2542407	19.590 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
6) S 2-Fluorobiphenyl (SURR)	8.537	1725515	19.538 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.08%
11) S ortho-Terphenyl (SURR)	11.567	3197660	19.648 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	2810801	19.697 ug/ml
2) T Naphthalene (C11.7)	6.026	2948335	19.609 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	2957274	19.573 ug/ml
5) T Acenaphthylene (C15.06)	8.341	2695813	19.392 ug/ml
7) T Acenaphthene (C15.5)	8.636	2870943	19.563 ug/ml
8) T Flouorene (C16.55)	9.412	2830902	19.634 ug/ml
9) T Phenanthrene (C19.36)	10.802	2781599	19.506 ug/ml
10) T Anthracene (C19.43)	10.875	2601917	18.728 ug/ml
12) T Fluoranthene (C21.85)	12.603	2799647	19.639 ug/ml
13) T Pyrene (C20.8)	12.898	2722755	19.564 ug/ml
14) T Benzo[a]anthracene (C...	14.758	2545455	19.673 ug/mlm
15) T Chrysene (C27.41)	14.800	2728044	20.235 ug/ml
16) T benzo[b]fluoranthene ...	16.299	2596453	19.727 ug/ml
17) T Bnezo[k]fluoranthene ...	16.330	2635293	20.237 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	2515693	19.466 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.028	2434831	19.104 ug/mlm
20) T Dibenz[a,h]anthracene...	18.070	2562722	20.368 ug/ml
21) T Benzo[g,h,i]perylene ...	18.282	2506804	19.490 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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