

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120622AR\
 Data File : FD044599.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2022 09:53
 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 12/07/2022
 Supervised By :Ankita Jodhani 12/07/2022

Integration File: autoint1.e
 Quant Time: Dec 06 11:51:41 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...	7.677	2503410	19.290 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
6) S 2-Fluorobiphenyl (SURR)	8.535	1698507	19.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.46%
11) S ortho-Terphenyl (SURR)	11.564	3161608	19.427 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	2772019	19.425 ug/ml
2) T Naphthalene (C11.7)	6.024	2912429	19.370 ug/ml
3) T 2-Methylnaphthalene (...)	7.070	2913303	19.282 ug/ml
5) T Acenaphthylene (C15.06)	8.339	2647143	19.042 ug/ml
7) T Acenaphthene (C15.5)	8.634	2831971	19.297 ug/ml
8) T Flouorene (C16.55)	9.410	2785176	19.316 ug/ml
9) T Phenanthrene (C19.36)	10.799	2735093	19.180 ug/ml
10) T Anthracene (C19.43)	10.873	2464580	17.739 ug/ml
12) T Fluoranthene (C21.85)	12.600	2765854	19.402 ug/ml
13) T Pyrene (C20.8)	12.895	2687944	19.314 ug/ml
14) T Benzo[a]anthracene (C...	14.755	2497352	19.301 ug/mlm
15) T Chrysene (C27.41)	14.797	2708463	20.090 ug/mlm
16) T benzo[b]fluoranthene ...	16.294	2555908	19.419 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	2620323	20.122 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	2461610	19.047 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.023	2405650	18.875 ug/mlm
20) T Dibenz[a,h]anthracene...	18.066	2587609	20.566 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.277	2461960	19.142 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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