

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103122AR\
 Data File : FD044370.D
 Signal(s) : FID2B.ch
 Acq On : 31 Oct 2022 20:46
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File: autoint1.e
 Quant Time: Nov 01 04:23:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 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...	7.413	2699281	21.741 ug/ml
Spiked Amount 50.000		Recovery =	43.48%
6) S 2-Fluorobiphenyl (SURR)	8.275	1408853	18.710 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.42%
11) S ortho-Terphenyl (SURR)	11.291	3729887	22.036 ug/ml
Spiked Amount 50.000		Recovery =	44.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	3138206	22.233 ug/ml
2) T Naphthalene (C11.7)	5.754	3025981	22.072 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	3058317	21.574 ug/ml
5) T Acenaphthylene (C15.06)	8.067	2940351	20.960 ug/ml
7) T Acenaphthene (C15.5)	8.357	3523911	22.661 ug/ml
8) T Flouorene (C16.55)	9.141	2975375	21.150 ug/ml
9) T Phenanthrene (C19.36)	10.534	2813256	20.890 ug/ml
10) T Anthracene (C19.43)	10.616	2209951	16.447 ug/ml
12) T Fluoranthene (C21.85)	12.338	2925886	21.909 ug/ml
13) T Pyrene (C20.8)	12.632	2479670	19.631 ug/ml
14) T Benzo[a]anthracene (C...	14.504	2230694	21.001 ug/ml
15) T Chrysene (C27.41)	14.546	3104356	23.681 ug/ml
16) T benzo[b]fluoranthene ...	16.049	2477112	22.072 ug/ml
17) T Bnezo[k]fluoranthene ...	16.082	3034696	23.852 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.437	1811639	15.591 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.797	2308116	21.650 ug/mlm
20) T Dibenz[a,h]anthracene...	17.833	2631231	21.268 ug/ml
21) T Benzo[g,h,i]perylene ...	18.044	2491373	21.222 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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