

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103122AR\
 Data File : FD044357.D
 Signal(s) : FID2B.ch
 Acq On : 31 Oct 2022 09:22
 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 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File: autoint1.e
 Quant Time: Oct 31 13:46:10 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...	7.414	2595892	20.908 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
6) S 2-Fluorobiphenyl (SURR)	8.275	1373325	18.238 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.48%
11) S ortho-Terphenyl (SURR)	11.292	3618610	21.379 ug/ml
Spiked Amount 50.000		Recovery =	42.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.221	3057374	21.661 ug/ml
2) T Naphthalene (C11.7)	5.755	2935407	21.412 ug/ml
3) T 2-Methylnaphthalene (...)	6.801	2982974	21.042 ug/ml
5) T Acenaphthylene (C15.06)	8.068	2867094	20.438 ug/ml
7) T Acenaphthene (C15.5)	8.358	3464081	22.276 ug/ml
8) T Flouorene (C16.55)	9.141	2825631	20.085 ug/ml
9) T Phenanthrene (C19.36)	10.533	2701591	20.061 ug/ml
10) T Anthracene (C19.43)	10.614	2158084	16.061 ug/ml
12) T Fluoranthene (C21.85)	12.338	2801291	20.976 ug/ml
13) T Pyrene (C20.8)	12.632	2436723	19.291 ug/ml
14) T Benzo[a]anthracene (C...	14.504	2116382	19.925 ug/ml
15) T Chrysene (C27.41)	14.545	2959176	22.574 ug/ml
16) T benzo[b]fluoranthene ...	16.049	2390327	21.299 ug/ml
17) T Bnezo[k]fluoranthene ...	16.082	2817353	22.144 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.435	2468829	21.246 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.797	2121500	19.900 ug/mlm
20) T Dibenz[a,h]anthracene...	17.833	2245946	18.154 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.045	2298903	19.582 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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