

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092222AR\
 Data File : FD043942.D
 Signal(s) : FID2B.ch
 Acq On : 22 Sep 2022 10:36
 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 09/23/2022
 Supervised By :Ankita Jodhani 09/23/2022

Integration File: autoint1.e
 Quant Time: Sep 22 13:17:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.424	2392344	18.182 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
6) S 2-Fluorobiphenyl (SURR)	8.280	1445929	20.044 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.09%
11) S ortho-Terphenyl (SURR)	11.312	3044502	16.343 ug/ml
Spiked Amount 50.000		Recovery =	32.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.228	2787998	18.551 ug/mlm
2) T Naphthalene (C11.7)	5.762	2679460	18.817 ug/mlm
3) T 2-Methylnaphthalene (...)	6.810	2710429	18.528 ug/ml
5) T Acenaphthylene (C15.06)	8.080	2558576	16.581 ug/mlm
7) T Acenaphthene (C15.5)	8.373	2867573	16.386 ug/ml
8) T Flouorene (C16.55)	9.153	2593291	17.643 ug/ml
9) T Phenanthrene (C19.36)	10.546	2471670	17.080 ug/ml
10) T Anthracene (C19.43)	10.621	2306957	15.719 ug/ml
12) T Fluoranthene (C21.85)	12.351	2476661	16.148 ug/ml
13) T Pyrene (C20.8)	12.645	2456785	16.515 ug/ml
14) T Benzo[a]anthracene (C...	14.515	2042166	18.268 ug/ml
15) T Chrysene (C27.41)	14.557	2471831	15.816 ug/ml
16) T benzo[b]fluoranthene ...	16.061	2212220	18.970 ug/ml
17) T Bnezo[k]fluoranthene ...	16.092	2455805	16.541 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.439	2256184	18.626 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.803	2115778	22.253 ug/ml
20) T Dibenz[a,h]anthracene...	17.839	2404577	20.016 ug/ml
21) T Benzo[g,h,i]perylene ...	18.054	2333350	20.476 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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