

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022823AR\
 Data File : FD045180.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2023 11:25
 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 03/01/2023
 Supervised By :Ankita Jodhani 03/01/2023

Integration File: autoint1.e
 Quant Time: Mar 01 04:20:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 2023
 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...	7.553	2756966	20.556 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
6) S 2-Fluorobiphenyl (SURR)	8.409	1827164	20.388 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.78%
11) S ortho-Terphenyl (SURR)	11.449	3414365	20.300 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	3100061	20.707 ug/ml
2) T Naphthalene (C11.7)	5.893	3217041	20.490 ug/ml
3) T 2-Methylnaphthalene (...)	6.942	3206155	20.493 ug/ml
5) T Acenaphthylene (C15.06)	8.213	2913017	20.402 ug/ml
7) T Acenaphthene (C15.5)	8.509	3100976	20.564 ug/ml
8) T Fluorene (C16.55)	9.287	3001578	20.364 ug/ml
9) T Phenanthrene (C19.36)	10.678	2911217	20.111 ug/ml
10) T Anthracene (C19.43)	10.752	2572493	19.000 ug/ml
12) T Fluoranthene (C21.85)	12.483	2895312	20.200 ug/ml
13) T Pyrene (C20.8)	12.779	2810586	20.072 ug/ml
14) T Benzo[a]anthracene (C...	14.643	2526695	19.861 ug/ml
15) T Chrysene (C27.41)	14.685	2619195	19.781 ug/ml
16) T benzo[b]fluoranthene ...	16.186	2657520	20.263 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.218	2631041	20.289 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	2554778	19.904 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.919	2454070	19.538 ug/mlm
20) T Dibenz[a,h]anthracene...	17.961	2446747	20.005 ug/ml
21) T Benzo[g,h,i]perylene ...	18.173	2553426	20.127 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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