

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071923AR\
 Data File : FD046132.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jul 2023 17:43
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

07/20/2023
 Supervised By :Ankita
 Jodhani

07/20/2023

Integration File: autoint1.e
 Quant Time: Jul 20 03:02:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 02:58:14 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...	7.512	14046574	97.994 ug/ml
Spiked Amount 50.000		Recovery =	195.99%
6) S 2-Fluorobiphenyl (SURR)	8.367	8976580	98.886 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	197.77%#
11) S ortho-Terphenyl (SURR)	11.408	16201741	97.768 ug/ml
Spiked Amount 50.000		Recovery =	195.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.322	16601391	96.490 ug/ml
2) T Naphthalene (C11.7)	5.851	16680498	97.136 ug/ml
3) T 2-Methylnaphthalene (...)	6.902	16389683	97.397 ug/ml
5) T Acenaphthylene (C15.06)	8.172	14333162	97.999 ug/ml
7) T Acenaphthene (C15.5)	8.470	15318559	98.017 ug/ml
8) T Fluorene (C16.55)	9.247	14501312	98.510 ug/ml
9) T Phenanthrene (C19.36)	10.637	13530142	97.783 ug/ml
10) T Anthracene (C19.43)	10.712	12242435	97.540 ug/ml
12) T Fluoranthene (C21.85)	12.442	12818363	96.498 ug/ml
13) T Pyrene (C20.8)	12.737	12582971	96.293 ug/ml
14) T Benzo[a]anthracene (C...	14.602	12134308	96.511 ug/ml
15) T Chrysene (C27.41)	14.649	12509717	95.286 ug/ml
16) T benzo[b]fluoranthene ...	16.146	12791602	97.321 ug/ml
17) T Bnezo[k]fluoranthene ...	16.187	12604670	97.205 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.525	12266415	97.256 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.884	11775086	99.429 ug/ml
20) T Dibenz[a,h]anthracene...	17.925	11373482	94.440 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.143	11956292	97.726 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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