

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048183.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2024 06:59
 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 08/08/2024
 Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e
 Quant Time: Aug 08 08:05:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 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...	7.398	2949929	19.848 ug/ml
Spiked Amount 50.000		Recovery =	39.70%
6) S 2-Fluorobiphenyl (SURR)	8.249	1962497	20.736 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.47%
11) S ortho-Terphenyl (SURR)	11.286	3338914	19.955 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.219	3370407	20.127 ug/ml
2) T Naphthalene (C11.7)	5.739	3481586	20.146 ug/ml
3) T 2-Methylnaphthalene (...)	6.786	3473173	20.021 ug/ml
5) T Acenaphthylene (C15.06)	8.052	3397250	19.824 ug/ml
7) T Acenaphthene (C15.5)	8.347	3451254	19.895 ug/ml
8) T Flouorene (C16.55)	9.125	3306457	20.357 ug/ml
9) T Phenanthrene (C19.36)	10.513	3231684	20.349 ug/ml
10) T Anthracene (C19.43)	10.588	3137721	19.872 ug/ml
12) T Fluoranthene (C21.85)	12.317	3210529	20.277 ug/ml
13) T Pyrene (C20.8)	12.610	3181055	20.117 ug/ml
14) T Benzo[a]anthracene (C...	14.479	2944726	21.569 ug/ml
15) T Chrysene (C27.41)	14.520	3148671	19.532 ug/ml
16) T benzo[b]fluoranthene ...	16.025	3032687	21.070 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.056	2943287	19.706 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.401	3008978	21.244 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.763	2683209	23.790 ug/mlm
20) T Dibenz[a,h]anthracene...	17.803	3121371	21.477 ug/ml
21) T Benzo[g,h,i]perylene ...	18.015	3033913	20.587 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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