

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080124AR\
 Data File : FD048128.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2024 01:51
 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 08/02/2024
 Supervised By :Ankita Jodhani 08/02/2024

Integration File: autoint1.e
 Quant Time: Aug 02 04:29:02 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...	7.403	2977190	20.032 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
6) S 2-Fluorobiphenyl (SURR)	8.254	1945977	20.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.12%
11) S ortho-Terphenyl (SURR)	11.291	3373146	20.160 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	3334923	19.916 ug/ml
2) T Naphthalene (C11.7)	5.743	3450428	19.966 ug/ml
3) T 2-Methylnaphthalene (...)	6.790	3475070	20.032 ug/ml
5) T Acenaphthylene (C15.06)	8.057	3333459	19.452 ug/ml
7) T Acenaphthene (C15.5)	8.351	3414695	19.684 ug/ml
8) T Flouorene (C16.55)	9.130	3302201	20.331 ug/ml
9) T Phenanthrene (C19.36)	10.518	3236572	20.380 ug/ml
10) T Anthracene (C19.43)	10.592	2463649	15.603 ug/ml
12) T Fluoranthene (C21.85)	12.322	3257895	20.576 ug/ml
13) T Pyrene (C20.8)	12.616	3211740	20.311 ug/ml
14) T Benzo[a]anthracene (C...	14.484	2879574	21.091 ug/ml
15) T Chrysene (C27.41)	14.526	3052871	18.938 ug/ml
16) T benzo[b]fluoranthene ...	16.031	3047885	21.175 ug/ml
17) T Bnezo[k]fluoranthene ...	16.062	3052611	20.438 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.407	2924436	20.648 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.770	2655385	23.544 ug/mlm
20) T Dibenz[a,h]anthracene...	17.809	2800410	19.269 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.021	2985414	20.258 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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