

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080124AR\
 Data File : FD048113.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2024 13:46
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 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 04:26:55 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	3000508	20.188 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
6) S 2-Fluorobiphenyl (SURR)	8.254	1952519	20.631 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.26%
11) S ortho-Terphenyl (SURR)	11.292	3349938	20.021 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.224	3357566	20.051 ug/ml
2) T Naphthalene (C11.7)	5.743	3461481	20.030 ug/ml
3) T 2-Methylnaphthalene (...)	6.791	3468459	19.994 ug/ml
5) T Acenaphthylene (C15.06)	8.057	3376091	19.700 ug/ml
7) T Acenaphthene (C15.5)	8.352	3426792	19.754 ug/ml
8) T Flouorene (C16.55)	9.130	3320223	20.442 ug/ml
9) T Phenanthrene (C19.36)	10.518	3232488	20.354 ug/ml
10) T Anthracene (C19.43)	10.593	2613039	16.549 ug/ml
12) T Fluoranthene (C21.85)	12.322	3250994	20.533 ug/ml
13) T Pyrene (C20.8)	12.616	3212263	20.314 ug/ml
14) T Benzo[a]anthracene (C...	14.485	2906780	21.291 ug/ml
15) T Chrysene (C27.41)	14.527	3063810	19.006 ug/ml
16) T benzo[b]fluoranthene ...	16.032	3077683	21.382 ug/ml
17) T Bnezo[k]fluoranthene ...	16.063	3002843	20.105 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.407	3005839	21.222 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.770	2694506	23.890 ug/mlm
20) T Dibenz[a,h]anthracene...	17.810	2879420	19.812 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.022	2986253	20.264 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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