

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048054.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2024 23:13
 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 07/18/2024
 Supervised By :Ankita Jodhani 07/19/2024

Integration File: autoint1.e
 Quant Time: Jul 18 03:38:19 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...	7.408	2912705	19.598 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
6) S 2-Fluorobiphenyl (SURR)	8.259	1930550	20.399 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.80%
11) S ortho-Terphenyl (SURR)	11.296	3294908	19.692 ug/mlm
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	3267541	19.513 ug/mlm
2) T Naphthalene (C11.7)	5.748	3404961	19.703 ug/ml
3) T 2-Methylnaphthalene (...)	6.795	3421141	19.722 ug/ml
5) T Acenaphthylene (C15.06)	8.062	3336346	19.469 ug/ml
7) T Acenaphthene (C15.5)	8.357	3387373	19.526 ug/ml
8) T Flouorene (C16.55)	9.135	3256196	20.048 ug/mlm
9) T Phenanthrene (C19.36)	10.524	3190165	20.087 ug/ml
10) T Anthracene (C19.43)	10.598	2760079	17.480 ug/mlm
12) T Fluoranthene (C21.85)	12.328	3170546	20.025 ug/mlm
13) T Pyrene (C20.8)	12.621	3139268	19.853 ug/ml
14) T Benzo[a]anthracene (C...	14.491	2833569	20.755 ug/ml
15) T Chrysene (C27.41)	14.533	3066257	19.021 ug/ml
16) T benzo[b]fluoranthene ...	16.037	2917067	20.266 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.069	2814482	18.844 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.414	2847561	20.105 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.776	2498121	22.149 ug/ml
20) T Dibenz[a,h]anthracene...	17.816	3056569	21.031 ug/ml
21) T Benzo[g,h,i]perylene ...	18.027	2771328	18.805 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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