

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081324AR\
 Data File : FD048224.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2024 14:40
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 12 16:13:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:01:19 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	1669506	11.165 ug/ml
Spiked Amount 50.000		Recovery =	22.33%
6) S 2-Fluorobiphenyl (SURR)	8.249	1038372	10.704 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.41%
11) S ortho-Terphenyl (SURR)	11.284	1880981	11.218 ug/ml
Spiked Amount 50.000		Recovery =	22.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.218	1896867	11.158 ug/ml
2) T Naphthalene (C11.7)	5.738	1940623	11.090 ug/ml
3) T 2-Methylnaphthalene (...)	6.785	1929169	11.041 ug/ml
5) T Acenaphthylene (C15.06)	8.051	1905886	11.120 ug/ml
7) T Acenaphthene (C15.5)	8.344	1901250	11.053 ug/ml
8) T Fluorene (C16.55)	9.124	1820898	10.988 ug/ml
9) T Phenanthrene (C19.36)	10.511	1769035	10.977 ug/ml
10) T Anthracene (C19.43)	10.586	1748091	11.122 ug/ml
12) T Fluoranthene (C21.85)	12.315	1760956	11.038 ug/ml
13) T Pyrene (C20.8)	12.609	1724445	10.942 ug/ml
14) T Benzo[a]anthracene (C...	14.476	1530786	10.589 ug/ml
15) T Chrysene (C27.41)	14.518	1775191	11.343 ug/ml
16) T benzo[b]fluoranthene ...	16.021	1629357	10.813 ug/ml
17) T Bnezo[k]fluoranthene ...	16.052	1647621	11.267 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.400	1650837	11.037 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.763	1259201	9.847 ug/ml
20) T Dibenz[a,h]anthracene...	17.805	1724766	11.524 ug/ml
21) T Benzo[g,h,i]perylene ...	18.010	1656507	11.056 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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