

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082322AR\  
 Data File : FD043725.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Aug 2022 00:39  
 Operator : YP/AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e  
 Quant Time: Aug 24 02:38:57 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 082322.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 24 02:27:55 2022  
 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
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System Monitoring Compounds			
4) S 2-Bromonaphthalene (S... Spiked Amount 50.000	7.493	888029 Recovery =	5.140 ug/ml 10.28%
6) S 2-Fluorobiphenyl (SURR) Spiked Amount 50.000 Range 0 - 131	8.361	386936 Recovery =	3.847 ug/ml 7.69%
11) S ortho-Terphenyl (SURR) Spiked Amount 50.000	11.375	1138996 Recovery =	5.444 ug/ml 10.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	1035693	5.201 ug/ml
2) T Naphthalene (C11.7)	5.834	1020277	5.076 ug/ml
3) T 2-Methylnaphthalene (...)	6.883	922961	5.113 ug/ml
5) T Acenaphthylene (C15.06)	8.150	1047729	5.242 ug/ml
7) T Acenaphthene (C15.5)	8.439	1221514	5.683 ug/ml
8) T Flouorene (C16.55)	9.230	952169	4.967 ug/ml
9) T Phenanthrene (C19.36)	10.624	847419	4.712 ug/ml
10) T Anthracene (C19.43)	10.705	1037338	5.333 ug/ml
12) T Fluoranthene (C21.85)	12.431	924722	5.071 ug/ml
13) T Pyrene (C20.8)	12.723	977241	5.235 ug/ml
14) T Benzo[a]anthracene (C...)	14.597	547664	3.828 ug/ml
15) T Chrysene (C27.41)	14.636	1166094	6.042 ug/ml
16) T benzo[b]fluoranthene ...	16.140	617795	4.281 ug/ml
17) T Bnezo[k]fluoranthene ...	16.172	981137	5.704 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.533	719093	4.962 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.897	386566	3.738 ug/ml
20) T Dibenz[a,h]anthracene...	17.939	677832	4.817 ug/ml
21) T Benzo[g,h,i]perylene ...	18.136	599930	4.713 ug/ml
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(f)=RT Delta > 1/2 Window

(m)=manual int.

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