

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070722AR\
 Data File : FD043198.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jul 2022 12:21
 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 07/07/2022
 Supervised By :Ankita Jodhani 07/08/2022

Integration File: autoint1.e
 Quant Time: Jul 07 13:25:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.628	3276401	21.219 ug/ml
Spiked Amount 50.000		Recovery =	42.44%
6) S 2-Fluorobiphenyl (SURR)	8.491	2190223	20.765 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.53%
11) S ortho-Terphenyl (SURR)	11.535	3687171	20.287 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.423	3693827	21.993 ug/ml
2) T Naphthalene (C11.7)	5.963	3767925	21.522 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	3416561	21.241 ug/ml
5) T Acenaphthylene (C15.06)	8.294	3640346	20.480 ug/ml
7) T Acenaphthene (C15.5)	8.590	3676191	20.993 ug/ml
8) T Flouorene (C16.55)	9.372	3582740	20.669 ug/ml
9) T Phenanthrene (C19.36)	10.769	3434472	20.025 ug/ml
10) T Anthracene (C19.43)	10.844	3304461	19.450 ug/ml
12) T Fluoranthene (C21.85)	12.582	3220596	19.203 ug/ml
13) T Pyrene (C20.8)	12.880	3108706	19.075 ug/mlm
14) T Benzo[a]anthracene (C...	14.752	2955193	19.029 ug/ml
15) T Chrysene (C27.41)	14.794	3037193	19.243 ug/ml
16) T benzo[b]fluoranthene ...	16.303	3060727	20.079 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.335	2960200	20.225 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	2938342	20.543 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.047	2738735	21.886 ug/ml
20) T Dibenz[a,h]anthracene...	18.086	3093948	23.014 ug/ml
21) T Benzo[g,h,i]perylene ...	18.301	2944504	22.575 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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