

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011422AR\
 Data File : FD040619.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jan 2022 18:15
 Operator : AJ\MA
 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 01/17/2022
 Supervised By :Ankita Jodhani 01/17/2022

Integration File: autoint1.e
 Quant Time: Jan 14 18:41:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	6.732	2890323	20.209 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
6) S 2-Fluorobiphenyl (SURR)	7.580	1894028	19.891 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.78%
11) S ortho-Terphenyl (SURR)	10.614	3116775	19.944 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.591	3253975	21.037 ug/ml
2) T Naphthalene (C11.7)	5.082	3371706	21.067 ug/ml
3) T 2-Methylnaphthalene (...)	6.122	3329936	20.514 ug/ml
5) T Acenaphthylene (C15.06)	7.384	3188189	21.209 ug/ml
7) T Acenaphthene (C15.5)	7.678	3477424	21.574 ug/ml
8) T Flouorene (C16.55)	8.453	3063345	19.709 ug/ml
9) T Phenanthrene (C19.36)	9.839	2968915	19.298 ug/ml
10) T Anthracene (C19.43)	9.913	2667209	18.256 ug/ml
12) T Fluoranthene (C21.85)	11.640	2944063	18.960 ug/ml
13) T Pyrene (C20.8)	11.934	3028301	20.062 ug/ml
14) T Benzo[a]anthracene (C...	13.801	2745718	20.697 ug/mlm
15) T Chrysene (C27.41)	13.843	2925747	20.007 ug/mlm
16) T benzo[b]fluoranthene ...	15.345	2841193	20.793 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.377	2956926	21.362 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.719	2686876	20.613 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.081	2686107	22.044 ug/mlm
20) T Dibenz[a,h]anthracene...	17.122	2647513	21.765 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.331	2659882	20.715 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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