

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102922AR\
 Data File : FD044331.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 13:28
 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 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: sample.E
 Quant Time: Oct 30 01:42:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 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...	7.415	2686799	21.640 ug/ml
Spiked Amount 50.000		Recovery =	43.28%
6) S 2-Fluorobiphenyl (SURR)	8.278	1385214	18.396 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.79%
11) S ortho-Terphenyl (SURR)	11.291	3702104	21.872 ug/ml
Spiked Amount 50.000		Recovery =	43.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.224	3100397	21.965 ug/ml
2) T Naphthalene (C11.7)	5.758	3003754	21.910 ug/ml
3) T 2-Methylnaphthalene (...)	6.803	3004781	21.196 ug/ml
5) T Acenaphthylene (C15.06)	8.070	2958116	21.087 ug/ml
7) T Acenaphthene (C15.5)	8.359	3483542	22.401 ug/ml
8) T Flouorene (C16.55)	9.144	2960640	21.045 ug/ml
9) T Phenanthrene (C19.36)	10.535	2750790	20.426 ug/ml
10) T Anthracene (C19.43)	10.617	2230946	16.603 ug/ml
12) T Fluoranthene (C21.85)	12.339	2821105	21.124 ug/ml
13) T Pyrene (C20.8)	12.632	2559183	20.261 ug/mlm
14) T Benzo[a]anthracene (C...	14.504	2153469	20.274 ug/ml
15) T Chrysene (C27.41)	14.546	3051586	23.279 ug/ml
16) T benzo[b]fluoranthene ...	16.047	2396331	21.353 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.080	2874975	22.597 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.434	2435756	20.962 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.796	2114545	19.835 ug/mlm
20) T Dibenz[a,h]anthracene...	17.833	2499562	20.204 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.044	2317580	19.741 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

