

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120621AR\
 Data File : FD039742.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2021 7:31
 Operator : AJ\MA
 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 :Ankita Jodhani 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e
 Quant Time: Dec 07 08:01:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 2021
 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...	7.739	1984582	17.738 ug/ml
Spiked Amount 50.000		Recovery =	35.48%
6) S 2-Fluorobiphenyl (SURR)	8.609	1294538	17.261 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.52%
11) S ortho-Terphenyl (SURR)	11.651	2183533	17.655 ug/ml
Spiked Amount 50.000		Recovery =	35.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2197623	17.743 ug/ml
2) T Naphthalene (C11.7)	6.075	2264458	17.707 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	2288103	17.611 ug/ml
5) T Acenaphthylene (C15.06)	8.410	2092320	17.425 ug/ml
7) T Acenaphthene (C15.5)	8.705	2270447	17.828 ug/ml
8) T Fluorene (C16.55)	9.488	2155749	17.550 ug/ml
9) T Phenanthrene (C19.36)	10.890	2061174	17.184 ug/ml
10) T Anthracene (C19.43)	10.965	2065004	17.241 ug/ml
12) T Fluoranthene (C21.85)	12.707	2053662	17.227 ug/ml
13) T Pyrene (C20.8)	13.005	1999877	17.589 ug/ml
14) T Benzo[a]anthracene (C...	14.879	1796904	18.384 ug/mlm
15) T Chrysene (C27.41)	14.921	2090459	18.362 ug/ml
16) T benzo[b]fluoranthene ...	16.432	1892649	19.239 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.464	2002160	18.920 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.812	1852159	19.218 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.179	1710647	18.352 ug/mlm
20) T Dibenz[a,h]anthracene...	18.216	1980179	19.334 ug/ml
21) T Benzo[g,h,i]perylene ...	18.434	1857028	18.787 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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