

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120621AR\
 Data File : FD039720.D
 Signal(s) : FID2B.CH
 Acq On : 06 Dec 2021 12:15
 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 00:27:27 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...	7.740	1906840	17.043 ug/ml
Spiked Amount 50.000		Recovery =	34.09%
6) S 2-Fluorobiphenyl (SURR)	8.610	1267950	16.907 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.81%
11) S ortho-Terphenyl (SURR)	11.652	2135060	17.263 ug/ml
Spiked Amount 50.000		Recovery =	34.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	2162680	17.461 ug/ml
2) T Naphthalene (C11.7)	6.076	2205752	17.248 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	2221825	17.101 ug/ml
5) T Acenaphthylene (C15.06)	8.411	2049697	17.070 ug/ml
7) T Acenaphthene (C15.5)	8.706	2196873	17.250 ug/ml
8) T Fluorene (C16.55)	9.490	2106879	17.152 ug/ml
9) T Phenanthrene (C19.36)	10.892	2018784	16.831 ug/ml
10) T Anthracene (C19.43)	10.967	2005093	16.740 ug/ml
12) T Fluoranthene (C21.85)	12.708	1954040	16.391 ug/ml
13) T Pyrene (C20.8)	13.007	1909267	16.792 ug/ml
14) T Benzo[a]anthracene (C...	14.882	1681245	17.200 ug/ml
15) T Chrysene (C27.41)	14.923	1962617	17.239 ug/ml
16) T benzo[b]fluoranthene ...	16.434	1788806	18.183 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.466	1919227	18.136 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.815	1726938	17.918 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.182	1461946	15.683 ug/mlm
20) T Dibenz[a,h]anthracene...	18.220	1712391	16.719 ug/ml
21) T Benzo[g,h,i]perylene ...	18.437	1698083	17.179 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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