

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112321AR\
 Data File : FD039632.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 5:47
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 06:08:15 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...	7.744	2222259	19.863 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
6) S 2-Fluorobiphenyl (SURR)	8.614	1511971	20.161 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.32%
11) S ortho-Terphenyl (SURR)	11.656	2437226	19.706 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.533	2395876	19.344 ug/ml
2) T Naphthalene (C11.7)	6.080	2527986	19.768 ug/ml
3) T 2-Methylnaphthalene (...)	7.135	2574955	19.819 ug/ml
5) T Acenaphthylene (C15.06)	8.416	2389582	19.901 ug/ml
7) T Acenaphthene (C15.5)	8.711	2560858	20.108 ug/ml
8) T Flouorene (C16.55)	9.495	2446226	19.914 ug/ml
9) T Phenanthrene (C19.36)	10.896	2400650	20.014 ug/ml
10) T Anthracene (C19.43)	10.971	2395991	20.004 ug/ml
12) T Fluoranthene (C21.85)	12.712	2368540	19.868 ug/ml
13) T Pyrene (C20.8)	13.010	2271319	19.977 ug/ml
14) T Benzo[a]anthracene (C...	14.885	1967169	20.126 ug/ml
15) T Chrysene (C27.41)	14.927	2255830	19.814 ug/ml
16) T benzo[b]fluoranthene ...	16.437	1993174	20.261 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.470	2082550	19.680 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.818	1956471	20.300 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.185	1817145	19.494 ug/mlm
20) T Dibenz[a,h]anthracene...	18.222	2065859	20.170 ug/ml
21) T Benzo[g,h,i]perylene ...	18.440	1953238	19.761 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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