

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121621AR\
 Data File : FD039948.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2021 9:53
 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 :Yogesh Patel 12/17/2021
 Supervised By :Ankita Jodhani 12/17/2021

Integration File: sample.E
 Quant Time: Dec 17 00:13:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:24:29 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...	6.886	2614939	18.392 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
6) S 2-Fluorobiphenyl (SURR)	7.740	1769112	18.007 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.01%
11) S ortho-Terphenyl (SURR)	10.781	2705293	17.771 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.725	2832158	18.701 ug/mlm
2) T Naphthalene (C11.7)	5.231	2961055	18.424 ug/ml
3) T 2-Methylnaphthalene (...)	6.275	2973499	18.300 ug/ml
5) T Acenaphthylene (C15.06)	7.544	2702337	18.064 ug/ml
7) T Acenaphthene (C15.5)	7.839	2869537	18.060 ug/ml
8) T Flouorene (C16.55)	8.617	2824213	17.950 ug/ml
9) T Phenanthrene (C19.36)	10.008	2761799	17.800 ug/ml
10) T Anthracene (C19.43)	10.082	2604397	17.449 ug/ml
12) T Fluoranthene (C21.85)	11.815	2696055	17.626 ug/ml
13) T Pyrene (C20.8)	12.109	2592286	17.391 ug/mlm
14) T Benzo[a]anthracene (C...	13.979	2366814	17.541 ug/mlm
15) T Chrysene (C27.41)	14.021	2475108	17.602 ug/ml
16) T benzo[b]fluoranthene ...	15.524	2394726	17.850 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.557	2415744	17.854 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.901	2350472	18.128 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.263	2275833	18.582 ug/mlm
20) T Dibenz[a,h]anthracene...	17.305	2351728	19.180 ug/ml
21) T Benzo[g,h,i]perylene ...	17.516	2331608	18.664 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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