

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112122AR\
 Data File : FD044485.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2022 10:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2022
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: autoint1.e
 Quant Time: Nov 22 11:06:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:00:35 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...	7.687	2647257	19.563 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
6) S 2-Fluorobiphenyl (SURR)	8.545	1804920	19.246 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.49%
11) S ortho-Terphenyl (SURR)	11.578	3315546	19.325 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	2906351	19.939 ug/ml
2) T Naphthalene (C11.7)	6.032	3072670	19.735 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	3097438	19.606 ug/ml
5) T Acenaphthylene (C15.06)	8.350	2836397	18.809 ug/ml
7) T Acenaphthene (C15.5)	8.644	2998736	19.380 ug/ml
8) T Flouorene (C16.55)	9.422	2961371	19.256 ug/ml
9) T Phenanthrene (C19.36)	10.813	2897363	19.267 ug/ml
10) T Anthracene (C19.43)	10.887	2854803	19.485 ug/ml
12) T Fluoranthene (C21.85)	12.617	2921038	19.221 ug/ml
13) T Pyrene (C20.8)	12.912	2855493	19.209 ug/mlm
14) T Benzo[a]anthracene (C...	14.775	2651204	18.941 ug/mlm
15) T Chrysene (C27.41)	14.818	2739533	18.706 ug/ml
16) T benzo[b]fluoranthene ...	16.319	2684522	18.666 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.351	2679717	18.847 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.694	2658350	19.001 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.051	2560468	18.778 ug/mlm
20) T Dibenz[a,h]anthracene...	18.093	2561088	19.013 ug/ml
21) T Benzo[g,h,i]perylene ...	18.306	2596459	19.020 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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