

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044707.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 07:19
 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 12/27/2022
 Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e
 Quant Time: Dec 25 14:29:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.662	2748169	21.176 ug/mlm
Spiked Amount 50.000		Recovery =	42.35%
6) S 2-Fluorobiphenyl (SURR)	8.519	1845724	20.899 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.80%
11) S ortho-Terphenyl (SURR)	11.548	3409391	20.949 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.479	3077891	21.568 ug/mlm
2) T Naphthalene (C11.7)	6.009	3190475	21.220 ug/mlm
3) T 2-Methylnaphthalene (...)	7.054	3195287	21.148 ug/mlm
5) T Acenaphthylene (C15.06)	8.324	2905292	20.899 ug/ml
7) T Acenaphthene (C15.5)	8.618	3084278	21.016 ug/ml
8) T Flouorene (C16.55)	9.394	3030255	21.016 ug/mlm
9) T Phenanthrene (C19.36)	10.784	2963875	20.784 ug/mlm
10) T Anthracene (C19.43)	10.857	2844972	20.477 ug/ml
12) T Fluoranthene (C21.85)	12.585	2962041	20.778 ug/ml
13) T Pyrene (C20.8)	12.880	2905620	20.878 ug/ml
14) T Benzo[a]anthracene (C...	14.741	2736352	21.148 ug/mlm
15) T Chrysene (C27.41)	14.782	2857106	21.193 ug/ml
16) T benzo[b]fluoranthene ...	16.281	2833520	21.528 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.313	2824527	21.691 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.656	2798739	21.656 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.013	2675072	20.989 ug/mlm
20) T Dibenz[a,h]anthracene...	18.053	2706535	21.511 ug/ml
21) T Benzo[g,h,i]perylene ...	18.264	2702062	21.008 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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