

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110424AR\
 Data File : FF014905.D
 Signal(s) : FID2B.ch
 Acq On : 04 Nov 2024 10:42
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2024
 Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e
 Quant Time: Nov 05 01:25:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:14:53 2024
 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...	7.990	2641181	18.941 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
6) S 2-Fluorobiphenyl (SURR)	8.864	1777598	18.848 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.70%
11) S ortho-Terphenyl (SURR)	11.926	3002210	18.766 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	2990448	19.659 ug/ml
2) T Naphthalene (C11.7)	6.272	3105771	19.404 ug/ml
3) T 2-Methylnaphthalene (...)	7.366	3105411	19.195 ug/ml
5) T Acenaphthylene (C15.06)	8.665	3003074	18.957 ug/ml
7) T Acenaphthene (C15.5)	8.964	3024946	19.065 ug/ml
8) T Fluorene (C16.55)	9.752	2932253	18.585 ug/ml
9) T Phenanthrene (C19.36)	11.158	2914025	18.511 ug/ml
10) T Anthracene (C19.43)	11.232	2422007	16.101 ug/ml
12) T Fluoranthene (C21.85)	12.977	2838329	18.011 ug/ml
13) T Pyrene (C20.8)	13.275	2803864	17.983 ug/ml
14) T Benzo[a]anthracene (C...	15.153	2560415	16.849 ug/ml
15) T Chrysene (C27.41)	15.196	2635827	17.056 ug/ml
16) T benzo[b]fluoranthene ...	16.710	2662053	17.412 ug/ml
17) T Bnezo[k]fluoranthene ...	16.743	2549416	17.647 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.090	2561148	17.158 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.460	2418461	17.634 ug/ml
20) T Dibenz[a,h]anthracene...	18.499	2475282	17.039 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.717	2674964	18.724 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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