

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052224AR\
 Data File : FF014264.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2024 10:56
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/23/2024
 Supervised By :Ankita Jodhani 05/23/2024

Integration File: autoint1.e
 Quant Time: May 22 12:02:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 052224.M
 Quant Title : GC Extractables
 QLast Update : Wed May 22 12:02:12 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...	7.901	1221457	11.113 ug/ml
Spiked Amount 50.000		Recovery =	22.23%
6) S 2-Fluorobiphenyl (SURR)	8.775	654899	10.024 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.05%
11) S ortho-Terphenyl (SURR)	11.834	1622421	11.925 ug/ml
Spiked Amount 50.000		Recovery =	23.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.516	1550240	11.927 ug/ml
2) T Naphthalene (C11.7)	6.180	1467578	11.313 ug/ml
3) T 2-Methylnaphthalene (...)	7.274	1299621	11.019 ug/ml
5) T Acenaphthylene (C15.06)	8.572	1463301	11.463 ug/ml
7) T Acenaphthene (C15.5)	8.870	1552564	11.588 ug/ml
8) T Flouorene (C16.55)	9.659	1093997	10.995 ug/ml
9) T Phenanthrene (C19.36)	11.063	1142482	11.154 ug/ml
10) T Anthracene (C19.43)	11.139	1073235	11.763 ug/ml
12) T Fluoranthene (C21.85)	12.881	1353268	11.592 ug/ml
13) T Pyrene (C20.8)	13.178	1387932	11.784 ug/ml
14) T Benzo[a]anthracene (C...	15.060	565898	10.101 ug/ml
15) T Chrysene (C27.41)	15.099	951760	11.989 ug/mlm
16) T benzo[b]fluoranthene ...	16.615	1094400	10.283 ug/ml
17) T Bnezo[k]fluoranthene ...	16.647	1303487	13.547 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.997	1006325	10.708 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.372	650467	8.314 ug/mlm
20) T Dibenz[a,h]anthracene...	18.421	692585	11.853 ug/ml
21) T Benzo[g,h,i]perylene ...	18.621	1352684	11.002 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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