

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052224AR\
 Data File : FF014268.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2024 12:55
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

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 13:10:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 052224.M
 Quant Title : GC Extractables
 QLast Update : Wed May 22 12:10:50 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	2055269	19.012 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
6) S 2-Fluorobiphenyl (SURR)	8.774	1160898	19.150 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.30%
11) S ortho-Terphenyl (SURR)	11.834	2630016	18.665 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.516	2533830	18.829 ug/ml
2) T Naphthalene (C11.7)	6.180	2455271	19.030 ug/ml
3) T 2-Methylnaphthalene (...)	7.274	2224809	19.209 ug/ml
5) T Acenaphthylene (C15.06)	8.571	2446978	19.061 ug/ml
7) T Acenaphthene (C15.5)	8.871	2568781	18.820 ug/ml
8) T Flouorene (C16.55)	9.659	1950828	19.883 ug/ml
9) T Phenanthrene (C19.36)	11.062	1895499	18.681 ug/ml
10) T Anthracene (C19.43)	11.138	1736041	18.791 ug/ml
12) T Fluoranthene (C21.85)	12.881	2253575	19.030 ug/ml
13) T Pyrene (C20.8)	13.179	2298448	19.111 ug/ml
14) T Benzo[a]anthracene (C...	15.059	1110007	21.373 ug/ml
15) T Chrysene (C27.41)	15.100	1818319	21.180 ug/ml
16) T benzo[b]fluoranthene ...	16.616	1996475	20.077 ug/ml
17) T Bnezo[k]fluoranthene ...	16.647	2141901	19.817 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.996	1847114	20.043 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.368	1146604	16.573 ug/mlm
20) T Dibenz[a,h]anthracene...	18.413	1210191	19.901 ug/ml
21) T Benzo[g,h,i]perylene ...	18.620	2161414	17.719 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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