

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043872.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2022 14:56
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 14 19:33:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:31:02 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...	7.446	740190	5.866 ug/ml
Spiked Amount 50.000		Recovery =	11.73%
6) S 2-Fluorobiphenyl (SURR)	8.318	285301	3.954 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.91%
11) S ortho-Terphenyl (SURR)	11.316	1180881	6.852 ug/ml
Spiked Amount 50.000		Recovery =	13.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	903719	6.447 ug/ml
2) T Naphthalene (C11.7)	5.789	715405	5.202 ug/ml
3) T 2-Methylnaphthalene (...)	6.835	756724	5.376 ug/ml
5) T Acenaphthylene (C15.06)	8.096	940050	6.529 ug/ml
7) T Acenaphthene (C15.5)	8.383	1140689	7.109 ug/ml
8) T Flouorene (C16.55)	9.176	808262	5.728 ug/ml
9) T Phenanthrene (C19.36)	10.566	798509	5.788 ug/ml
10) T Anthracene (C19.43)	10.649	803796	5.724 ug/ml
12) T Fluoranthene (C21.85)	12.369	911683	6.314 ug/ml
13) T Pyrene (C20.8)	12.660	876667	6.173 ug/ml
14) T Benzo[a]anthracene (C...	14.533	493226	4.396 ug/ml
15) T Chrysene (C27.41)	14.573	1011659	6.971 ug/ml
16) T benzo[b]fluoranthene ...	16.073	593290	5.248 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	978341	7.148 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.467	678537	5.846 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.824	469274	5.238 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	656209	5.538 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.063	658031	6.085 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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