

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111422AR\
 Data File : FD044441.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2022 10:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2022
 Supervised By :Ankita Jodhani 11/15/2022

Integration File: autoint1.e
 Quant Time: Nov 14 12:42:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 06:01:26 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...	7.694	2751296	20.332 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
6) S 2-Fluorobiphenyl (SURR)	8.553	1884705	20.097 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.19%
11) S ortho-Terphenyl (SURR)	11.588	3466407	20.204 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.502	2961714	20.319 ug/ml
2) T Naphthalene (C11.7)	6.037	3166781	20.339 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	3198798	20.247 ug/ml
5) T Acenaphthylene (C15.06)	8.358	2928050	19.417 ug/ml
7) T Acenaphthene (C15.5)	8.652	3121928	20.176 ug/ml
8) T Flouorene (C16.55)	9.430	3098419	20.147 ug/ml
9) T Phenanthrene (C19.36)	10.823	3044158	20.243 ug/ml
10) T Anthracene (C19.43)	10.897	2642402	18.035 ug/ml
12) T Fluoranthene (C21.85)	12.627	3063721	20.160 ug/ml
13) T Pyrene (C20.8)	12.923	3005180	20.216 ug/mlm
14) T Benzo[a]anthracene (C...	14.786	2777795	19.846 ug/mlm
15) T Chrysene (C27.41)	14.829	2990427	20.419 ug/ml
16) T benzo[b]fluoranthene ...	16.328	2946845	20.490 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.361	2886800	20.304 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.705	2745025	19.621 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.061	2706652	19.850 ug/mlm
20) T Dibenz[a,h]anthracene...	18.102	3012127	22.362 ug/ml
21) T Benzo[g,h,i]perylene ...	18.314f	2748810	20.136 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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