

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015241.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 20:10
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Ankita Jodhani 01/15/2025

Integration File: autoint1.e
 Quant Time: Jan 15 07:01:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 06:59:49 2025
 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...	7.989	1325151	9.703 ug/ml
Spiked Amount 50.000		Recovery =	19.41%
6) S 2-Fluorobiphenyl (SURR)	8.861	812579	9.294 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.59%
11) S ortho-Terphenyl (SURR)	11.923	1807583	10.244 ug/ml
Spiked Amount 50.000		Recovery =	20.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	1642634	10.047 ug/ml
2) T Naphthalene (C11.7)	6.269	1634097	9.932 ug/ml
3) T 2-Methylnaphthalene (...)	7.363	1607329	9.810 ug/ml
5) T Acenaphthylene (C15.06)	8.662	1613284	9.827 ug/ml
7) T Acenaphthene (C15.5)	8.961	1661380	9.866 ug/ml
8) T Flouorene (C16.55)	9.749	1574177	9.702 ug/ml
9) T Phenanthrene (C19.36)	11.153	1645993	10.017 ug/ml
10) T Anthracene (C19.43)	11.228	1530830	10.076 ug/ml
12) T Fluoranthene (C21.85)	12.972	1740645	10.296 ug/ml
13) T Pyrene (C20.8)	13.270	1697234	10.172 ug/ml
14) T Benzo[a]anthracene (C...	15.149	1554594	10.164 ug/ml
15) T Chrysene (C27.41)	15.190	1627555	10.324 ug/ml
16) T benzo[b]fluoranthene ...	16.705	1530446	10.084 ug/ml
17) T Bnezo[k]fluoranthene ...	16.736	1467978	10.254 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.085	1467773	10.153 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.455	1261241	9.844 ug/ml
20) T Dibenz[a,h]anthracene...	18.496	1584865	10.433 ug/ml
21) T Benzo[g,h,i]perylene ...	18.709	1402706	10.198 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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