

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030123AR\
 Data File : FD045192.D
 Signal(s) : FID2B.ch
 Acq On : 01 Mar 2023 10:09
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/01/2023
 Supervised By :Ankita Jodhani 03/02/2023

Integration File: autoint1.e
 Quant Time: Mar 01 12:13:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 12:12:49 2023
 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...	7.558	12392272	94.105 ug/ml
Spiked Amount 50.000		Recovery =	188.21%
6) S 2-Fluorobiphenyl (SURR)	8.415	8331498	95.124 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	190.25%#
11) S ortho-Terphenyl (SURR)	11.457	15238290	94.262 ug/ml
Spiked Amount 50.000		Recovery =	188.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	13623616	92.538 ug/ml
2) T Naphthalene (C11.7)	5.896	14317266	93.160 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	14405244	93.335 ug/ml
5) T Acenaphthylene (C15.06)	8.219	13186431	94.356 ug/ml
7) T Acenaphthene (C15.5)	8.517	13963579	94.327 ug/ml
8) T Fluorene (C16.55)	9.295	13663894	95.089 ug/ml
9) T Phenanthrene (C19.36)	10.687	13305311	95.711 ug/ml
10) T Anthracene (C19.43)	10.763	13109810	96.103 ug/ml
12) T Fluoranthene (C21.85)	12.495	12951783	95.445 ug/ml
13) T Pyrene (C20.8)	12.790	12650136	95.240 ug/ml
14) T Benzo[a]anthracene (C...	14.655	11788592	94.847 ug/ml
15) T Chrysene (C27.41)	14.702	12011231	94.654 ug/ml
16) T benzo[b]fluoranthene ...	16.201	11863142	94.212 ug/ml
17) T Bnezo[k]fluoranthene ...	16.239	11450551	93.193 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.580	11566625	94.264 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.940	11463650	97.752 ug/ml
20) T Dibenz[a,h]anthracene...	17.982	10960340	92.260 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.199	11461971	94.373 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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