

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AR\
 Data File : FD044714.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 12:55
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/27/2022
 Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e
 Quant Time: Dec 25 16:33:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 16:32:43 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...	7.661	797215	5.749 ug/ml
Spiked Amount 50.000		Recovery =	11.50%
6) S 2-Fluorobiphenyl (SURR)	8.517	538645	5.785 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.57%
11) S ortho-Terphenyl (SURR)	11.545	999777	5.775 ug/ml
Spiked Amount 50.000		Recovery =	11.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.480	893560	5.747 ug/ml
2) T Naphthalene (C11.7)	6.009	934051	5.776 ug/ml
3) T 2-Methylnaphthalene (...)	7.053	929515	5.769 ug/ml
5) T Acenaphthylene (C15.06)	8.322	843354	5.704 ug/ml
7) T Acenaphthene (C15.5)	8.615	898425	5.756 ug/ml
8) T Fluorene (C16.55)	9.391	878757	5.705 ug/ml
9) T Phenanthrene (C19.36)	10.779	877419	5.802 ug/ml
10) T Anthracene (C19.43)	10.852	752146	5.232 ug/ml
12) T Fluoranthene (C21.85)	12.581	883664	5.880 ug/ml
13) T Pyrene (C20.8)	12.875	851946	5.787 ug/ml
14) T Benzo[a]anthracene (C...	14.735	792370	5.689 ug/ml
15) T Chrysene (C27.41)	14.776	846820	5.811 ug/mlm
16) T benzo[b]fluoranthene ...	16.274	823831	5.699 ug/ml
17) T Bnezo[k]fluoranthene ...	16.305	848354	5.909 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.649	789810	5.571 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.003	768290	5.716 ug/ml
20) T Dibenz[a,h]anthracene...	18.045	828319	5.993 ug/ml
21) T Benzo[g,h,i]perylene ...	18.254	773771	5.661 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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