

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044695.D
 Signal(s) : FID2B.ch
 Acq On : 23 Dec 2022 22:35
 Operator : YP/AJ
 Sample : N6051-01MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SP-591MS

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 14:28:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.680	6631307	51.096 ug/ml
Spiked Amount 50.000		Recovery =	102.19%
6) S 2-Fluorobiphenyl (SURR)	8.537	4292307	48.601 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.20%
11) S ortho-Terphenyl (SURR)	11.564	4866847	29.905 ug/ml
Spiked Amount 50.000		Recovery =	59.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	4850802	33.992 ug/mlm
2) T Naphthalene (C11.7)	6.027	5935747	39.478 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	5812991	38.474 ug/ml
5) T Acenaphthylene (C15.06)	8.342	6419779	46.180 ug/ml
7) T Acenaphthene (C15.5)	8.637	6375643	43.444 ug/ml
8) T Flouorene (C16.55)	9.413	6732214	46.691 ug/ml
9) T Phenanthrene (C19.36)	10.803	6987298	48.998 ug/ml
10) T Anthracene (C19.43)	10.877	6714210	48.327 ug/ml
12) T Fluoranthene (C21.85)	12.605	7174095	50.324 ug/ml
13) T Pyrene (C20.8)	12.901	6989995	50.227 ug/ml
14) T Benzo[a]anthracene (C...	14.762	6685216	51.667 ug/ml
15) T Chrysene (C27.41)	14.806	6783307	50.316 ug/mlm
16) T benzo[b]fluoranthene ...	16.305	6786218	51.559 ug/ml
17) T Bnezo[k]fluoranthene ...	16.339	6221473	47.777 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	5827523	45.092 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.039	6247221	49.017 ug/ml
20) T Dibenz[a,h]anthracene...	18.079	6221486	49.446 ug/ml
21) T Benzo[g,h,i]perylene ...	18.294	5965252	46.379 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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