

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014243.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 22:56
 Operator : YP\AJ
 Sample : P2403-08
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
 Quant Time: May 15 04:53:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 17:31:50 2024
 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...	7.904	5520303	52.606 ug/ml
Spiked Amount 50.000		Recovery =	105.21%
6) S 2-Fluorobiphenyl (SURR)	8.775	3176111	52.482 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.96%
11) S ortho-Terphenyl (SURR)	11.838	6111188	43.295 ug/ml
Spiked Amount 50.000		Recovery =	86.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.517	546256	4.512 ug/ml
2) T Naphthalene (C11.7)	6.182	534991	4.569 ug/ml
3) T 2-Methylnaphthalene (...)	7.275	536739	4.817 ug/mlm
5) T Acenaphthylene (C15.06)	8.573	630061	5.612 ug/ml
7) T Acenaphthene (C15.5)	8.871	770571	6.092 ug/ml
8) T Flouorene (C16.55)	9.662	551392	5.178 ug/ml
9) T Phenanthrene (C19.36)	11.065	504064	4.866 ug/ml
10) T Anthracene (C19.43)	11.142	483494	5.306 ug/ml
12) T Fluoranthene (C21.85)	12.883	604699	5.313 ug/ml
13) T Pyrene (C20.8)	13.179	611143	5.471 ug/mlm
14) T Benzo[a]anthracene (C...	15.064	350056	4.618 ug/ml
15) T Chrysene (C27.41)	15.104	722860	6.573 ug/ml
16) T benzo[b]fluoranthene ...	16.617	470280	4.686 ug/ml
17) T Bnezo[k]fluoranthene ...	16.649	715999	6.052 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.001	513564	4.892 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.376	355362	3.996 ug/mlm
20) T Dibenz[a,h]anthracene...	18.422	601839	5.659 ug/ml
21) T Benzo[g,h,i]perylene ...	18.623	608600	4.942 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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