

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082224AR\
 Data File : FF014465.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2024 09:26
 Operator : YP\AJ
 Sample : P3390-09
 Misc : 2.5 PPM WATER MDL
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :Ankita Jodhani 08/23/2024

Integration File: autoint1.e
 Quant Time: Aug 23 02:41:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 15:55:53 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...	7.874	6461026	57.702 ug/ml
Spiked Amount 50.000		Recovery =	115.40%
6) S 2-Fluorobiphenyl (SURR)	8.744	3706311	55.361 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.72%
11) S ortho-Terphenyl (SURR)	11.807	6763435	46.944 ug/ml
Spiked Amount 50.000		Recovery =	93.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	256291	1.924 ug/ml
2) T Naphthalene (C11.7)	6.159	240657	1.808 ug/ml
3) T 2-Methylnaphthalene (...)	7.255	257353	1.928 ug/ml
5) T Acenaphthylene (C15.06)	8.547	296742	2.215 ug/ml
7) T Acenaphthene (C15.5)	8.842	499365	3.499 ug/ml
8) T Fluorene (C16.55)	9.638	286079	2.206 ug/ml
9) T Phenanthrene (C19.36)	11.042	246740	1.937 ug/mlm
10) T Anthracene (C19.43)	11.121	249655	1.871 ug/ml
12) T Fluoranthene (C21.85)	12.859	316285	2.302 ug/ml
13) T Pyrene (C20.8)	13.152	302340	2.183 ug/mlm
14) T Benzo[a]anthracene (C...	15.049	144714	1.287 ug/ml
15) T Chrysene (C27.41)	15.089	445076	2.849 ug/ml
16) T benzo[b]fluoranthene ...	16.603	191091	1.624 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.634	355934	2.454 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.995	195051	1.544 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.384	200057	2.393 ug/ml
20) T Dibenz[a,h]anthracene...	18.432	255024	1.846 ug/ml
21) T Benzo[g,h,i]perylene ...	18.607	239383	1.951 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

