

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\
 Data File : FD048457.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2024 17:52
 Operator : YP/AJ
 Sample : P4368-07
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 04:57:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.379	7869227	47.529 ug/ml
Spiked Amount 50.000		Recovery =	95.06%
6) S 2-Fluorobiphenyl (SURR)	8.229	4605230	44.407 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.81%
11) S ortho-Terphenyl (SURR)	11.266	7863800	42.739 ug/ml
Spiked Amount 50.000		Recovery =	85.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.205	502835	2.869 ug/ml
2) T Naphthalene (C11.7)	5.726	544342	2.915 ug/mlm
3) T 2-Methylnaphthalene (...)	6.775	577453	3.055 ug/ml
5) T Acenaphthylene (C15.06)	8.035	618124	3.222 ug/ml
7) T Acenaphthene (C15.5)	8.327	636756	3.366 ug/ml
8) T Fluorene (C16.55)	9.113	582888	3.226 ug/ml
9) T Phenanthrene (C19.36)	10.498	555176	3.133 ug/mlm
10) T Anthracene (C19.43)	10.577	591045	3.322 ug/mlm
12) T Fluoranthene (C21.85)	12.304	598391	3.308 ug/ml
13) T Pyrene (C20.8)	12.595	595682	3.327 ug/ml
14) T Benzo[a]anthracene (C...	14.469	395133	2.472 ug/ml
15) T Chrysene (C27.41)	14.507	611032	3.276 ug/ml
16) T benzo[b]fluoranthene ...	16.011	447247	2.685 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.046	623001	3.670 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.401	494159	3.023 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.770	345330	2.625 ug/mlm
20) T Dibenz[a,h]anthracene...	17.820	545730	3.261 ug/ml
21) T Benzo[g,h,i]perylene ...	18.008	490430	3.019 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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