Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031224\
Data File : BM044586.D
Acq On : 12 Mar 2024 10:42
Operator : MA/JU
Sample : P1601-02
Misc : SFAM-SIM-MDL-WATER-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 11:12:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 14:02:17 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT1-2024-02

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/13/2024
Supervised By :mohammad ahmed 03/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.723	152	5487	0.400	ng/ul	0.00
4) Naphthalene-d8	10.512	136	17695	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.368	164	10179	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.124	188	22967	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	14111	0.400	ng/ul	0.00
23) Perylene-d12	23.577	264	14222	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	2918	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	9823	0.386	ng/ul	0.01
18) Fluoranthene-d10	19.155	212	21294	0.430	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	738m	0.100	ng/ul	
5) Naphthalene	10.561	128	3495	0.070	ng/ul#	91
7) 2-Methylnaphthalene	12.189	142	2108	0.067	ng/ul	99
8) 1-Methylnaphthalene	12.404	142	2218	0.070	ng/ul	98
10) Acenaphthylene	14.090	152	3535	0.068	ng/ul	94
11) Acenaphthene	14.432	153	2600	0.070	ng/ul	99
12) Fluorene	15.436	166	2897	0.068	ng/ul#	97
14) Pentachlorophenol	16.791	266	357	0.064	ng/ul	98
15) Phenanthrene	17.171	178	4651	0.067	ng/ul	95
16) Anthracene	17.272	178	4511m	0.070	ng/ul	
19) Fluoranthene	19.188	202	4972	0.072	ng/ul#	94
20) Pyrene	19.555	202	5081	0.072	ng/ul	97
21) Benzo(a)anthracene	21.315	228	3249	0.060	ng/ul	98
22) Chrysene	21.359	228	4317	0.072	ng/ul	98
24) Benzo(b)fluoranthene	22.902	252	3405	0.063	ng/ul#	39
25) Benzo(k)fluoranthene	22.951	252	4067	0.069	ng/ul#	49
26) Benzo(a)pyrene	23.495	252	3173	0.064	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.912	276	3721m	0.066	ng/ul	
28) Dibenzo(a,h)anthracene	25.939	278	2918m	0.067	ng/ul	
29) Benzo(g,h,i)perylene	26.576	276	3214	0.065	ng/ul#	81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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