Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031124\
Data File : BM044579.D
Acq On : 11 Mar 2024 16:06
Operator : MA/JU
Sample : P1601-01
Misc : SFAM-SIM-MDL-WATER-01
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 11 16:45:02 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-QT1-2024-01

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5394	0.400	ng/ul	0.00
4) Naphthalene-d8	10.512	136	16992	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.372	164	9621	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.132	188	21746	0.400	ng/ul	0.01
17) Chrysene-d12	21.325	240	13070	0.400	ng/ul	0.00
23) Perylene-d12	23.584	264	13072	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	2879	0.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152	9279	0.380	ng/ul	0.02
18) Fluoranthene-d10	19.159	212	19778	0.431	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	616m	0.085	ng/ul	
5) Naphthalene	10.562	128	3299	0.069	ng/ul#	92
7) 2-Methylnaphthalene	12.195	142	2032	0.067	ng/ul	99
8) 1-Methylnaphthalene	12.404	142	2106	0.069	ng/ul	98
10) Acenaphthylene	14.094	152	3331	0.068	ng/ul	96
11) Acenaphthene	14.436	153	2466	0.070	ng/ul	99
12) Fluorene	15.445	166	2780	0.069	ng/ul	95
14) Pentachlorophenol	16.798	266	324	0.062	ng/ul	99
15) Phenanthrene	17.174	178	4342	0.067	ng/ul	95
16) Anthracene	17.280	178	3721m	0.061	ng/ul	
19) Fluoranthene	19.192	202	4670	0.073	ng/ul#	93
20) Pyrene	19.559	202	4788	0.073	ng/ul	97
21) Benzo(a)anthracene	21.322	228	2811	0.056	ng/ul	94
22) Chrysene	21.363	228	4188	0.075	ng/ul	97
24) Benzo(b)fluoranthene	22.909	252	3051	0.061	ng/ul#	39
25) Benzo(k)fluoranthene	22.958	252	3904	0.072	ng/ul#	41
26) Benzo(a)pyrene	23.502	252	2873	0.063	ng/ul#	4
27) Indeno(1,2,3-cd)pyrene	25.914	276	3676m	0.071	ng/ul	
28) Dibenzo(a,h)anthracene	25.957	278	2803m	0.070	ng/ul	
29) Benzo(g,h,i)perylene	26.588	276	3127	0.068	ng/ul#	81

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

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