Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101823\
Data File : BM042351.D
Acq On : 18 Oct 2023 15:51
Operator : MA/JU
Sample : 02215-01
Misc : SFAM-SIM-WATER- MDL- 01
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 18 16:42:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 14:30:27 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2023-03

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	3646	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	9632	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	4029	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	7703	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	3390	0.400	ng/ul	0.00
23) Perylene-d12	24.056	264	3437	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	2239	0.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	4498	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	5978	0.390	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	618m	0.108	ng/ul	
5) Naphthalene	10.889	128	2163	0.070	ng/ul#	91
7) 2-Methylnaphthalene	12.495	142	1247	0.069	ng/ul	97
8) 1-Methylnaphthalene	12.709	142	1251	0.068	ng/ul	99
10) Acenaphthylene	14.384	152	1747	0.072	ng/ul#	93
11) Acenaphthene	14.717	153	1380	0.070	ng/ul	98
12) Fluorene	15.707	166	1469	0.068	ng/ul#	97
14) Pentachlorophenol	17.046	266	217	0.074	ng/ul	96
15) Phenanthrene	17.447	178	2364	0.071	ng/ul	93
16) Anthracene	17.544	178	1898m	0.067	ng/ul	
19) Fluoranthene	19.459	202	2494	0.067	ng/ul	96
20) Pyrene	19.826	202	2505	0.065	ng/ul	95
21) Benzo(a)anthracene	21.568	228	1747	0.069	ng/ul	94
22) Chrysene	21.624	228	1928	0.074	ng/ul	97
24) Benzo(b)fluoranthene	23.290	252	1904	0.068	ng/ul	55
25) Benzo(k)fluoranthene	23.339	252	1856	0.070	ng/ul#	51
26) Benzo(a)pyrene	23.947	252	1543	0.070	ng/ul#	42
27) Indeno(1,2,3-cd)pyrene	26.660	276	1942	0.068	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.680	278	1376	0.067	ng/ul#	73
29) Benzo(g,h,i)perylene	27.465	276	1746	0.071	ng/ul#	86

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

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