Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101723\
Data File : BN028307.D
Acq On : 17 Oct 2023 13:27
Operator : MA/JU
Sample : 02215-01
Misc : SFDAM-SIM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 17 13:58:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 16:16:04 2023
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	3256	0.400	ng/ul	0.00
4) Naphthalene-d8	10.713	136	10727	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.541	164	6143	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	13209	0.400	ng/ul	0.00
17) Chrysene-d12	21.504	240	12248	0.400	ng/ul	0.00
23) Perylene-d12	23.956	264	12548	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	1637	0.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	5972	0.346	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	15613	0.402	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	340m	0.079	ng/ul	
5) Naphthalene	10.768	128	2082	0.068	ng/ul#	83
7) 2-Methylnaphthalene	12.385	142	1214	0.063	ng/ul	96
8) 1-Methylnaphthalene	12.599	142	1306	0.066	ng/ul	99
10) Acenaphthylene	14.273	152	1896	0.068	ng/ul#	88
11) Acenaphthene	14.606	153	1590	0.072	ng/ul	98
12) Fluorene	15.605	166	1747	0.071	ng/ul#	98
14) Pentachlorophenol	16.966	266	167	0.059	ng/ul#	87
15) Phenanthrene	17.350	178	2839	0.072	ng/ul#	91
16) Anthracene	17.451	178	2297	0.065	ng/ul#	88
19) Fluoranthene	19.366	202	3329	0.071	ng/ul#	94
20) Pyrene	19.738	202	3416	0.070	ng/ul	96
21) Benzo(a)anthracene	21.486	228	3068	0.069	ng/ul	95
22) Chrysene	21.542	228	3336	0.074	ng/ul	97
24) Benzo(b)fluoranthene	23.199	252	3450	0.074	ng/ul	69
25) Benzo(k)fluoranthene	23.249	252	3579	0.077	ng/ul#	70
26) Benzo(a)pyrene	23.848	252	2926	0.074	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	26.542	276	3622	0.075	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.555	278	2908	0.074	ng/ul#	72
29) Benzo(g,h,i)perylene	27.343	276	3107	0.079	ng/ul#	86

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

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