Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101923\
Data File : BN028330.D
Acq On : 19 Oct 2023 15:37
Operator : MA/JU
Sample : 04696-01
Misc : SFAM-SIM-MDL-WATER-01
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2023-07

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/20/2023
Supervised By :mohammad ahmed 10/21/2023

Quant Time: Oct 19 16:41:38 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	2905	0.400	ng/ul	0.00
4) Naphthalene-d8	10.724	136	9973	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.546	164	5987	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	13151	0.400	ng/ul	0.00
17) Chrysene-d12	21.495	240	11958	0.400	ng/ul	0.00
23) Perylene-d12	23.942	264	11139	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.262	96	1688	0.463	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.313	152	5502	0.342	ng/ul	0.01
18) Fluoranthene-d10	19.329	212	15116	0.399	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.300	88	395m	0.102	ng/ul	
5) Naphthalene	10.779	128	1960	0.069	ng/ul#	81
7) 2-Methylnaphthalene	12.396	142	1169	0.065	ng/ul	97
8) 1-Methylnaphthalene	12.599	142	1202	0.065	ng/ul	97
10) Acenaphthylene	14.277	152	1765	0.065	ng/ul#	82
11) Acenaphthene	14.606	153	1528	0.071	ng/ul	93
12) Fluorene	15.614	166	1699	0.071	ng/ul#	90
14) Pentachlorophenol	16.974	266	194	0.069	ng/ul#	84
15) Phenanthrene	17.350	178	2791	0.071	ng/ul#	88
16) Anthracene	17.451	178	2255	0.064	ng/ul#	84
19) Fluoranthene	19.362	202	3376	0.074	ng/ul#	93
20) Pyrene	19.734	202	3477	0.073	ng/ul	97
21) Benzo(a)anthracene	21.481	228	2922	0.067	ng/ul	95
22) Chrysene	21.533	228	3324	0.075	ng/ul	96
24) Benzo(b)fluoranthene	23.188	252	3065	0.074	ng/ul#	65
25) Benzo(k)fluoranthene	23.237	252	3095	0.075	ng/ul#	65
26) Benzo(a)pyrene	23.837	252	2717	0.077	ng/ul#	51
27) Indeno(1,2,3-cd)pyrene	26.525	276	3104	0.073	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.532	278	2587	0.075	ng/ul#	63
29) Benzo(g,h,i)perylene	27.330	276	2733	0.078	ng/ul#	83

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

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