Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030122\
Data File : BN018781.D
Acq On : 01 Mar 2022 12:09
Operator : CG/JU
Sample : N1331-01
Misc : SFAM-SIM-MDL-WATER01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT1-2022-01

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/01/2022
Supervised By :mohammad ahmed 03/02/2022

Quant Time: Mar 01 12:38:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 18 13:39:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.908	152	6301	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.713	136	15997	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.546	164	7974	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.287	188	14572	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.469	240	10493	0.400	ng/ul	# 0.00
23) Perylene-d12	23.866	264	8285	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	4853	0.678	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.303	152	7124	0.326	ng/ul	-0.01
18) Fluoranthene-d10	19.311	212	12117	0.387	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.313	88	611m	0.083	ng/ul	
5) Naphthalene	10.768	128	2941	0.065	ng/ul	95
7) 2-Methylnaphthalene	12.380	142	1845	0.063	ng/ul	100
8) 1-Methylnaphthalene	12.594	142	1838	0.063	ng/ul	100
10) Acenaphthylene	14.264	152	2051	0.057	ng/ul	93
11) Acenaphthene	14.606	153	1833	0.064	ng/ul	98
12) Fluorene	15.592	166	1901	0.061	ng/ul	97
14) Pentachlorophenol	16.945	266	170m	0.057	ng/ul	
15) Phenanthrene	17.329	178	3087	0.064	ng/ul#	93
16) Anthracene	17.422	178	2409	0.056	ng/ul#	93
19) Fluoranthene	19.343	202	3369	0.076	ng/ul#	86
20) Pyrene	19.706	202	3355	0.074	ng/ul#	86
21) Benzo(a)anthracene	21.452	228	2424	0.060	ng/ul	96
22) Chrysene	21.504	228	3052	0.072	ng/ul	98
24) Benzo(b)fluoranthene	23.138	252	2875	0.078	ng/ul#	61
25) Benzo(k)fluoranthene	23.185	252	2784	0.076	ng/ul#	64
26) Benzo(a)pyrene	23.761	252	2133	0.066	ng/ul#	43
27) Indeno(1,2,3-cd)pyrene	26.358	276	2704	0.065	ng/ul#	75
28) Dibenzo(a,h)anthracene	26.375	278	2050	0.063	ng/ul#	64
29) Benzo(g,h,i)perylene	27.119	276	2496	0.070	ng/ul#	77

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

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