Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031822\
Data File : BN019014.D
Acq On : 18 Mar 2022 14:14
Operator : CG/JU
Sample : N1645-09
Misc : MDL-MDL-WATER 0.2ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Quant Time: Mar 18 16:28:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 16:26:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	5143	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	13657	0.400	ng	#	0.00
13) Acenaphthene-d10	14.495	164	8442	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	17878	0.400	ng	#	0.00
29) Chrysene-d12	21.422	240	12152	0.400	ng	#	0.00
35) Perylene-d12	23.796	264	8763	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	4489	0.389	ng		0.00
5) Phenol-d6	7.010	99	4287	0.355	ng		0.00
8) Nitrobenzene-d5	9.004	82	3318	0.337	ng		-0.01
11) 2-Methylnaphthalene-d10	12.250	152	8262	0.365	ng		0.00
14) 2,4,6-Tribromophenol	15.985	330	1125	0.276	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	13558	0.401	ng		-0.01
27) Fluoranthene-d10	19.265	212	19227	0.362	ng		0.00
31) Terphenyl-d14	19.864	244	11919	0.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	1317	0.207	ng		99
3) n-Nitrosodimethylamine	3.572	42	1387	0.187	ng		97
6) bis(2-Chloroethyl)ether	7.262	93	2903	0.202	ng		98
9) Naphthalene	10.701	128	7970	0.205	ng		98
10) Hexachlorobutadiene	11.000	225	1889	0.199	ng	#	100
12) 2-Methylnaphthalene	12.322	142	5286	0.200	ng		99
16) Acenaphthylene	14.207	152	6784	0.173	ng		100
17) Acenaphthene	14.549	154	5274	0.192	ng		98
18) Fluorene	15.543	166	6401	0.185	ng		100
20) 4,6-Dinitro-2-methylph...	15.629	198	215	0.097	ng	#	21
21) 4-Bromophenyl-phenylether	16.426	248	1925	0.171	ng	#	84
22) Hexachlorobenzene	16.549	284	2813	0.194	ng		99
23) Atrazine	16.692	200	1360	0.161	ng		98
24) Pentachlorophenol	16.897	266	415	0.093	ng		99
25) Phenanthrene	17.277	178	10587	0.189	ng		99
26) Anthracene	17.369	178	7865	0.166	ng		99
28) Fluoranthene	19.295	202	12132	0.185	ng		100
30) Pyrene	19.662	202	12226	0.202	ng		99
32) Benzo(a)anthracene	21.413	228	6310	0.168	ng		97
33) Chrysene	21.458	228	9734	0.193	ng		98
34) Bis(2-ethylhexyl)phtha...	21.333	149	4366	0.176	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.261	276	6375m	0.202	ng		
37) Benzo(b)fluoranthene	23.077	252	6346	0.199	ng	#	83
38) Benzo(k)fluoranthene	23.124	252	8972m	0.205	ng		
39) Benzo(a)pyrene	23.700	252	6690	0.230	ng	#	65
40) Dibenzo(a,h)anthracene	26.296	278	4938m	0.200	ng		
41) Benzo(g,h,i)perylene	27.007	276	5858	0.189	ng		95

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

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