Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015794.D
Acq On : 04 Aug 2021 15:27
Operator : CG/JU
Sample : M2262-09
Misc : MDL-MDL-WATER 0.1ng
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 04 16:04:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:09:59 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2021

Manual Integrations APPROVED

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8/5/2021 5:07:37 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	37368	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	168488	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	86601	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	162884	0.400	ng		0.00
29) Chrysene-d12	21.365	240	141443	0.400	ng		0.00
35) Perylene-d12	23.710	264	143837	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	35971	0.394	ng		0.00
5) Phenol-d6	6.950	99	42205	0.382	ng		0.00
8) Nitrobenzene-d5	8.923	82	34539	0.319	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	86517	0.342	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	9343	0.298	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	117212	0.340	ng		0.00
27) Fluoranthene-d10	19.202	212	141759	0.335	ng		0.00
31) Terphenyl-d14	19.812	244	123975	0.354	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	949	0.078	ng		93
3) n-Nitrosodimethylamine	3.742	42	1943	0.078	ng	#	88
6) bis(2-Chloroethyl)ether	7.218	93	11487	0.115	ng		99
9) Naphthalene	10.622	128	47739	0.108	ng		100
10) Hexachlorobutadiene	10.913	225	8126	0.105	ng	#	100
12) 2-Methylnaphthalene	12.234	142	31248	0.110	ng		100
16) Acenaphthylene	14.129	152	32332	0.091	ng		100
17) Acenaphthene	14.471	154	25216	0.101	ng		100
18) Fluorene	15.461	166	29766	0.100	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	280	0.094	ng	#	42
21) 4-Bromophenyl-phenylether	16.360	248	9440	0.099	ng		93
22) Hexachlorobenzene	16.470	284	11406	0.104	ng		100
23) Atrazine	16.628	200	5430	0.092	ng		96
24) Pentachlorophenol	16.810	266	1727	0.051	ng		99
25) Phenanthrene	17.200	178	49640	0.102	ng		99
26) Anthracene	17.297	178	38798	0.095	ng		100
28) Fluoranthene	19.231	202	51674	0.102	ng		99
30) Pyrene	19.599	202	49741	0.105	ng		100
32) Benzo(a)anthracene	21.354	228	42017	0.097	ng		100
33) Chrysene	21.408	228	48307	0.103	ng		100
34) Bis(2-ethylhexyl)phtha...	21.301	149	15089	0.310	ng		100
36) Indeno(1,2,3-cd)pyrene	26.109	276	47410	0.093	ng	#	80
37) Benzo(b)fluoranthene	23.001	252	49582	0.099	ng		98
38) Benzo(k)fluoranthene	23.049	252	56563m	0.109	ng		
39) Benzo(a)pyrene	23.607	252	43223	0.104	ng		96
40) Dibenzo(a,h)anthracene	26.130	278	38426	0.090	ng	#	36
41) Benzo(g,h,i)perylene	26.838	276	41233	0.093	ng		98

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

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