Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015798.D
Acq On : 04 Aug 2021 17:53
Operator : CG/JU
Sample : M2940-09
Misc : MDL-MDL-WATER 0.1ng
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:51 PM

Quant Time: Aug 04 19:08:01 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	37284	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	166418	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	83165	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	154910	0.400	ng		0.00
29) Chrysene-d12	21.366	240	126178	0.400	ng		0.00
35) Perylene-d12	23.710	264	117469	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	30470	0.334	ng		0.00
5) Phenol-d6	6.951	99	35635	0.324	ng		0.00
8) Nitrobenzene-d5	8.924	82	32884	0.307	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	75529	0.302	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	7593	0.252	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	102547	0.309	ng		0.00
27) Fluoranthene-d10	19.202	212	118687	0.294	ng		0.00
31) Terphenyl-d14	19.808	244	105156	0.337	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	975	0.081	ng		94
3) n-Nitrosodimethylamine	3.742	42	1689	0.068	ng	#	96
6) bis(2-Chloroethyl)ether	7.218	93	10268	0.103	ng		99
9) Naphthalene	10.609	128	42395	0.097	ng		99
10) Hexachlorobutadiene	10.914	225	7287	0.096	ng	#	100
12) 2-Methylnaphthalene	12.234	142	27405	0.098	ng		99
16) Acenaphthylene	14.129	152	28102	0.082	ng		100
17) Acenaphthene	14.472	154	21864	0.091	ng		100
18) Fluorene	15.461	166	25378	0.089	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	192	0.085	ng	#	15
21) 4-Bromophenyl-phenylether	16.360	248	8060	0.089	ng		92
22) Hexachlorobenzene	16.470	284	10006	0.096	ng		99
23) Atrazine	16.628	200	4387	0.078	ng		97
24) Pentachlorophenol	16.823	266	1270	0.039	ng		99
25) Phenanthrene	17.200	178	42629	0.093	ng		99
26) Anthracene	17.298	178	32939	0.085	ng		100
28) Fluoranthene	19.232	202	43096	0.090	ng		100
30) Pyrene	19.599	202	40858	0.097	ng		100
32) Benzo(a)anthracene	21.355	228	32372	0.084	ng		100
33) Chrysene	21.408	228	39638	0.095	ng		100
34) Bis(2-ethylhexyl)phtha...	21.302	149	11295	0.301	ng		100
36) Indeno(1,2,3-cd)pyrene	26.110	276	31828	0.076	ng		97
37) Benzo(b)fluoranthene	23.002	252	37082	0.091	ng		97
38) Benzo(k)fluoranthene	23.046	252	39762m	0.094	ng		
39) Benzo(a)pyrene	23.604	252	28229	0.083	ng		95
40) Dibenzo(a,h)anthracene	26.127	278	25509	0.073	ng	#	87
41) Benzo(g,h,i)perylene	26.839	276	28948	0.080	ng		98

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

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