Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015790.D
Acq On : 04 Aug 2021 12:59
Operator : CG/JU
Sample : M1458-08
Misc : LOQ-WATER-0.1ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:29 PM

Quant Time: Aug 04 14:09:08 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	35371	0.400	ng		0.00
7) Naphthalene-d8	10.572	136	157423	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	80775	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	150050	0.400	ng		0.00
29) Chrysene-d12	21.366	240	124694	0.400	ng		0.00
35) Perylene-d12	23.711	264	124978	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	33526	0.388	ng		0.00
5) Phenol-d6	6.951	99	38868	0.372	ng		0.00
8) Nitrobenzene-d5	8.924	82	30143	0.298	ng		0.00
11) 2-Methylnaphthalene-d10	12.159	152	80627	0.341	ng		0.00
14) 2,4,6-Tribromophenol	15.906	330	8429	0.288	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	109973	0.342	ng		0.00
27) Fluoranthene-d10	19.202	212	128604	0.329	ng		0.00
31) Terphenyl-d14	19.813	244	113793	0.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	915m	0.080	ng		
3) n-Nitrosodimethylamine	3.742	42	1725	0.073	ng	#	95
6) bis(2-Chloroethyl)ether	7.218	93	10763	0.113	ng		99
9) Naphthalene	10.610	128	45044	0.109	ng		99
10) Hexachlorobutadiene	10.914	225	7579	0.105	ng	#	98
12) 2-Methylnaphthalene	12.234	142	29131	0.110	ng		100
16) Acenaphthylene	14.129	152	29338	0.088	ng		100
17) Acenaphthene	14.472	154	23563	0.101	ng		99
18) Fluorene	15.461	166	27526	0.099	ng		99
20) 4,6-Dinitro-2-methylph...	15.550	198	260	0.094	ng	#	31
21) 4-Bromophenyl-phenylether	16.361	248	8649	0.098	ng	#	91
22) Hexachlorobenzene	16.470	284	10512	0.104	ng		99
23) Atrazine	16.628	200	4793	0.088	ng		95
24) Pentachlorophenol	16.811	266	1509	0.048	ng		99
25) Phenanthrene	17.200	178	46055	0.103	ng		99
26) Anthracene	17.298	178	35207	0.094	ng		100
28) Fluoranthene	19.232	202	47278	0.102	ng		100
30) Pyrene	19.599	202	44251	0.106	ng		100
32) Benzo(a)anthracene	21.355	228	34648	0.091	ng		99
33) Chrysene	21.408	228	42606	0.103	ng		99
34) Bis(2-ethylhexyl)phtha...	21.302	149	11804	0.304	ng		100
36) Indeno(1,2,3-cd)pyrene	26.107	276	40058	0.090	ng	#	91
37) Benzo(b)fluoranthene	23.002	252	41275	0.095	ng		97
38) Benzo(k)fluoranthene	23.050	252	47778m	0.106	ng		
39) Benzo(a)pyrene	23.604	252	33213	0.092	ng		95
40) Dibenzo(a,h)anthracene	26.127	278	32482	0.088	ng	#	70
41) Benzo(g,h,i)perylene	26.839	276	34810	0.090	ng		98

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

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