Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080321\
Data File : BN015781.D
Acq On : 03 Aug 2021 22:46
Operator : CG/JU
Sample : M2940-08
Misc : LOQ-WATER-0.2ng
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2021

Manual Integrations APPROVED
mohammad
8/4/2021 3:46:52 PM

Quant Time: Aug 04 02:17:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 02:14:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	38295	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	170333	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	88061	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	165775	0.400	ng		0.00
29) Chrysene-d12	21.365	240	145285	0.400	ng		0.00
35) Perylene-d12	23.710	264	138249	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	29956	0.320	ng		0.00
5) Phenol-d6	6.951	99	34942	0.309	ng		0.00
8) Nitrobenzene-d5	8.924	82	28885	0.264	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	105153	0.411	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	8053	0.252	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	103091	0.294	ng		0.00
27) Fluoranthene-d10	19.207	212	170471	0.395	ng		0.00
31) Terphenyl-d14	19.812	244	108526	0.302	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2178	0.176	ng		98
3) n-Nitrosodimethylamine	3.723	42	4733	0.186	ng		99
6) bis(2-Chloroethyl)ether	7.218	93	23727	0.231	ng		99
9) Naphthalene	10.622	128	98096	0.220	ng		100
10) Hexachlorobutadiene	10.913	225	16711	0.214	ng	#	99
12) 2-Methylnaphthalene	12.234	142	64148	0.223	ng		100
16) Acenaphthylene	14.129	152	69456	0.191	ng		100
17) Acenaphthene	14.472	154	52467	0.207	ng		100
18) Fluorene	15.461	166	62993	0.208	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	809	0.081	ng	#	79
21) 4-Bromophenyl-phenylether	16.360	248	19157	0.197	ng		96
22) Hexachlorobenzene	16.470	284	23653	0.211	ng		100
23) Atrazine	16.628	200	11290	0.188	ng		98
24) Pentachlorophenol	16.810	266	5752	0.166	ng		99
25) Phenanthrene	17.200	178	102583	0.208	ng		99
26) Anthracene	17.297	178	82138	0.198	ng		100
28) Fluoranthene	19.236	202	105927	0.206	ng		100
30) Pyrene	19.599	202	101902	0.210	ng		100
32) Benzo(a)anthracene	21.355	228	86880	0.196	ng		100
33) Chrysene	21.408	228	100324	0.209	ng		100
34) Bis(2-ethylhexyl)phtha...	21.302	149	27449	0.154	ng		99
36) Indeno(1,2,3-cd)pyrene	26.106	276	94624	0.193	ng		98
37) Benzo(b)fluoranthene	23.002	252	98094	0.204	ng		99
38) Benzo(k)fluoranthene	23.050	252	104532m	0.210	ng		
39) Benzo(a)pyrene	23.607	252	79128	0.198	ng		99
40) Dibenzo(a,h)anthracene	26.130	278	78092	0.190	ng	#	95
41) Benzo(g,h,i)perylene	26.839	276	82539	0.193	ng		99

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

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