Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015792.D
Acq On : 04 Aug 2021 14:13
Operator : CG/JU
Sample : M1458-08
Misc : LOQ-WATER-0.2ng
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:34 PM

Quant Time: Aug 05 10:47:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 05 10:46:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	41129	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	184302	0.400	ng		0.00
13) Acenaphthene-d10	14.408	164	96208	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	180470	0.400	ng		0.00
29) Chrysene-d12	21.365	240	160942	0.400	ng		0.00
35) Perylene-d12	23.710	264	156041	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	29709	0.295	ng		0.00
5) Phenol-d6	6.951	99	34791	0.286	ng		0.00
8) Nitrobenzene-d5	8.924	82	29132	0.246	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	105308	0.380	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	8006	0.230	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	100586	0.262	ng		0.00
27) Fluoranthene-d10	19.202	212	172774	0.368	ng		0.00
31) Terphenyl-d14	19.807	244	107322	0.269	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	2050	0.154	ng	#	35
3) n-Nitrosodimethylamine	3.723	42	4740	0.173	ng	#	97
6) bis(2-Chloroethyl)ether	7.218	93	23923	0.217	ng		99
9) Naphthalene	10.609	128	98073	0.203	ng		99
10) Hexachlorobutadiene	10.913	225	16582	0.197	ng	#	100
12) 2-Methylnaphthalene	12.234	142	64374	0.207	ng		99
16) Acenaphthylene	14.129	152	69672	0.176	ng		100
17) Acenaphthene	14.471	154	52393	0.189	ng		99
18) Fluorene	15.461	166	62932	0.190	ng		100
20) 4,6-Dinitro-2-methylph...	15.550	198	673	0.131	ng	#	70
21) 4-Bromophenyl-phenylether	16.360	248	19456	0.183	ng		92
22) Hexachlorobenzene	16.470	284	23721	0.195	ng		100
23) Atrazine	16.628	200	11427	0.175	ng		96
24) Pentachlorophenol	16.810	266	5500	0.146	ng		99
25) Phenanthrene	17.200	178	104083	0.194	ng		100
26) Anthracene	17.297	178	82648	0.183	ng		100
28) Fluoranthene	19.231	202	107489	0.192	ng		99
30) Pyrene	19.599	202	104051	0.194	ng		100
32) Benzo(a)anthracene	21.355	228	90893	0.185	ng		100
33) Chrysene	21.408	228	102670	0.193	ng		99
34) Bis(2-ethylhexyl)phtha...	21.301	149	30814	0.156	ng		99
36) Indeno(1,2,3-cd)pyrene	26.110	276	96737	0.175	ng		96
37) Benzo(b)fluoranthene	23.002	252	103115	0.190	ng		99
38) Benzo(k)fluoranthene	23.046	252	109787m	0.196	ng		
39) Benzo(a)pyrene	23.607	252	85719	0.190	ng		99
40) Dibenzo(a,h)anthracene	26.127	278	78276	0.169	ng	#	87
41) Benzo(g,h,i)perylene	26.839	276	84739	0.175	ng		99

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

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