Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111921\
Data File : BN017528.D
Acq On : 19 Nov 2021 19:58
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER-0.2ng
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2021

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 22 12:19:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:57:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	29667	0.400	ng	0.00
7) Naphthalene-d8	10.649	136	134387	0.400	ng	#-0.01
13) Acenaphthene-d10	14.486	164	71295	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	138506	0.400	ng	# 0.00
29) Chrysene-d12	21.409	240	129977	0.400	ng	# 0.00
35) Perylene-d12	23.780	264	113285	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	23613	0.321	ng	0.00
5) Phenol-d6	7.026	99	27277	0.329	ng	0.00
8) Nitrobenzene-d5	9.001	82	23300	0.263	ng	-0.01
11) 2-Methylnaphthalene-d10	12.244	152	59834	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	6192	0.283	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	78817	0.297	ng	0.00
27) Fluoranthene-d10	19.258	212	113079	0.265	ng	0.00
31) Terphenyl-d14	19.858	244	83885	0.294	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.384	88	2124	0.149	ng	# 94
3) n-Nitrosodimethylamine	3.734	42	4726	0.161	ng	# 95
6) bis(2-Chloroethyl)ether	7.284	93	16514	0.195	ng	94
9) Naphthalene	10.699	128	61254	0.180	ng	100
10) Hexachlorobutadiene	11.003	225	11824	0.176	ng	# 99
12) 2-Methylnaphthalene	12.315	142	40332	0.184	ng	98
16) Acenaphthylene	14.206	152	45372	0.160	ng	100
17) Acenaphthene	14.549	154	33916	0.173	ng	100
18) Fluorene	15.526	166	40821	0.172	ng	99
20) 4,6-Dinitro-2-methylph...	15.615	198	298	0.159	ng	# 35
21) 4-Bromophenyl-phenylether	16.422	248	12607	0.166	ng	# 79
22) Hexachlorobenzene	16.544	284	14374	0.175	ng	96
23) Atrazine	16.690	200	7983	0.158	ng	97
24) Pentachlorophenol	16.885	266	2113m	0.257	ng	
25) Phenanthrene	17.262	178	68349	0.176	ng	100
26) Anthracene	17.359	178	55360	0.167	ng	100
28) Fluoranthene	19.287	202	76350	0.178	ng	99
30) Pyrene	19.650	202	75684	0.172	ng	100
32) Benzo(a)anthracene	21.398	228	69175	0.171	ng	100
33) Chrysene	21.452	228	76812	0.178	ng	99
34) Bis(2-ethylhexyl)phtha...	21.335	149	28427	0.228	ng	99
36) Indeno(1,2,3-cd)pyrene	26.217	276	56586	0.164	ng	# 88
37) Benzo(b)fluoranthene	23.061	252	74189	0.180	ng	# 97
38) Benzo(k)fluoranthene	23.106	252	70586	0.177	ng	# 93
39) Benzo(a)pyrene	23.674	252	59830	0.176	ng	97
40) Dibenzo(a,h)anthracene	26.244	278	45152	0.159	ng	# 74
41) Benzo(g,h,i)perylene	26.967	276	48532	0.164	ng	97

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

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