Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015752.D
Acq On : 01 Aug 2021 02:36
Operator : CG/JU
Sample : M2940-07
Misc : LOD-MDL-WTR-0.2ng
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

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Quant Time: Aug 02 04:31:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 04:24:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	38331	0.400	ng	0.00
7) Naphthalene-d8	10.572	136	172930	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	91988	0.400	ng	0.00
19) Phenanthrene-d10	17.164	188	172546	0.400	ng	# 0.00
29) Chrysene-d12	21.366	240	159552	0.400	ng	#-0.01
35) Perylene-d12	23.707	264	158878	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	34697	0.337	ng	0.00
5) Phenol-d6	6.951	99	40234	0.323	ng	0.00
8) Nitrobenzene-d5	8.937	82	31975	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.163	152	108962	0.418	ng	0.00
14) 2,4,6-Tribromophenol	15.906	330	10074	0.253	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	112494	0.320	ng	-0.01
27) Fluoranthene-d10	19.207	212	180665	0.397	ng	0.00
31) Terphenyl-d14	19.813	244	121753	0.314	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	2576m	0.196	ng	
3) n-Nitrosodimethylamine	3.724	42	4314	0.169	ng	# 99
6) bis(2-Chloroethyl)ether	7.218	93	22303	0.219	ng	100
9) Naphthalene	10.622	128	92208	0.205	ng	100
10) Hexachlorobutadiene	10.914	225	15995	0.202	ng	# 100
12) 2-Methylnaphthalene	12.234	142	60407	0.206	ng	99
16) Acenaphthylene	14.129	152	67225	0.166	ng	100
17) Acenaphthene	14.485	154	49598	0.188	ng	99
18) Fluorene	15.461	166	59532	0.186	ng	100
20) 4,6-Dinitro-2-methylph...	15.550	198	1022	0.077	ng	# 79
21) 4-Bromophenyl-phenylether	16.361	248	18588	0.185	ng	# 73
22) Hexachlorobenzene	16.482	284	21982	0.197	ng	100
23) Atrazine	16.628	200	13518	0.176	ng	# 92
24) Pentachlorophenol	16.823	266	9470	0.227	ng	100
25) Phenanthrene	17.212	178	96420	0.195	ng	100
26) Anthracene	17.298	178	78858	0.177	ng	100
28) Fluoranthene	19.237	202	100766	0.191	ng	100
30) Pyrene	19.599	202	98568	0.185	ng	100
32) Benzo(a)anthracene	21.355	228	87963	0.173	ng	98
33) Chrysene	21.408	228	98305	0.190	ng	97
34) Bis(2-ethylhexyl)phtha...	21.302	149	29060	0.108	ng	99
36) Indeno(1,2,3-cd)pyrene	26.107	276	107467	0.188	ng	99
37) Benzo(b)fluoranthene	22.999	252	99115	0.194	ng	100
38) Benzo(k)fluoranthene	23.046	252	109394	0.199	ng	99
39) Benzo(a)pyrene	23.604	252	85426	0.183	ng	99
40) Dibenzo(a,h)anthracene	26.127	278	90913	0.188	ng	98
41) Benzo(g,h,i)perylene	26.842	276	91793	0.184	ng	100

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

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