Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
Data File : BN023112.D
Acq On : 09 Dec 2022 18:56
Operator : CG/JU
Sample : N4955-08
Misc : LOQ-WATER-0.2ppm
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/13/2022

Quant Time: Dec 10 03:25:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 03:22:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.020	152	7315	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	21908	0.400	ng		0.00
13) Acenaphthene-d10	14.666	164	11593	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	25451	0.400	ng		#-0.01
29) Chrysene-d12	21.598	240	20333	0.400	ng		0.00
35) Perylene-d12	24.056	264	19551	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.558	112	4333	0.318	ng		0.00
5) Phenol-d6	7.168	99	5368	0.310	ng		0.00
8) Nitrobenzene-d5	9.185	82	3813	0.264	ng		0.00
11) 2-Methylnaphthalene-d10	12.427	152	15669	0.422	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1236	0.294	ng		0.00
15) 2-Fluorobiphenyl	13.298	172	13357	0.288	ng		0.00
27) Fluoranthene-d10	19.435	212	27504	0.462	ng		0.00
31) Terphenyl-d14	20.031	244	9810	0.297	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	1539	0.213	ng		99
3) n-Nitrosodimethylamine	3.738	42	1361	0.192	ng	#	97
6) bis(2-Chloroethyl)ether	7.435	93	4510	0.229	ng		100
9) Naphthalene	10.893	128	11772	0.211	ng		99
10) Hexachlorobutadiene	11.181	225	2349	0.221	ng	#	99
12) 2-Methylnaphthalene	12.117	142	1678	0.202	ng	#	91
16) Acenaphthylene	14.388	152	9168	0.196	ng		100
17) Acenaphthene	14.730	154	6961	0.203	ng		99
18) Fluorene	15.703	166	7629	0.199	ng		99
20) 4,6-Dinitro-2-methylph...	15.776	198	506	0.139	ng	#	63
21) 4-Bromophenyl-phenylether	16.595	248	2808	0.207	ng		96
22) Hexachlorobenzene	16.719	284	3804	0.214	ng		99
23) Atrazine	16.868	200	1792	0.187	ng		99
24) Pentachlorophenol	17.054	266	1018	0.165	ng		97
25) Phenanthrene	17.452	178	14957	0.197	ng		100
26) Anthracene	17.539	178	11839	0.196	ng		99
28) Fluoranthene	19.469	202	16051	0.198	ng		98
30) Pyrene	19.831	202	15501	0.208	ng		99
32) Benzo(a)anthracene	21.580	228	12529	0.191	ng		99
33) Chrysene	21.634	228	15202	0.206	ng		99
34) Bis(2-ethylhexyl)phtha...	21.500	149	5775	0.208	ng		100
36) Indeno(1,2,3-cd)pyrene	26.629	276	19364	0.221	ng		95
37) Benzo(b)fluoranthene	23.302	252	16980m	0.210	ng		
38) Benzo(k)fluoranthene	23.352	252	15490	0.188	ng		96
39) Benzo(a)pyrene	23.948	252	15536	0.256	ng	#	61
40) Dibenzo(a,h)anthracene	26.649	278	15055	0.214	ng		97
41) Benzo(g,h,i)perylene	27.418	276	14339	0.191	ng		98

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

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