Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023685.D
Acq On : 17 Jan 2023 16:58
Operator : CG/JU
Sample : N3980-08
Misc : LOQ-WATER 0.2ng
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Quant Time: Jan 18 05:44:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 05:42:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.970	152	5023	0.400	ng		0.00
7) Naphthalene-d8	10.786	136	14530	0.400	ng		-0.01
13) Acenaphthene-d10	14.624	164	7673	0.400	ng		-0.01
19) Phenanthrene-d10	17.365	188	16106	0.400	ng		-0.01
29) Chrysene-d12	21.562	240	12318	0.400	ng		-0.01
35) Perylene-d12	24.012	264	9224	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.507	112	3068	0.308	ng		0.00
5) Phenol-d6	7.125	99	3892	0.303	ng		-0.01
8) Nitrobenzene-d5	9.132	82	2850	0.261	ng		-0.01
11) 2-Methylnaphthalene-d10	12.378	152	8562	0.427	ng		-0.01
14) 2,4,6-Tribromophenol	16.111	330	872	0.262	ng		-0.01
15) 2-Fluorobiphenyl	13.244	172	8706	0.281	ng		-0.01
27) Fluoranthene-d10	19.401	212	16413	0.416	ng		-0.01
31) Terphenyl-d14	20.000	244	8284	0.266	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	923	0.205	ng		95
3) n-Nitrosodimethylamine	3.694	42	1056	0.209	ng	#	94
6) bis(2-Chloroethyl)ether	7.392	93	2966	0.219	ng		100
9) Naphthalene	10.840	128	7699	0.200	ng		99
10) Hexachlorobutadiene	11.128	225	1639	0.211	ng	#	99
12) 2-Methylnaphthalene	12.450	142	5719	0.208	ng		99
16) Acenaphthylene	14.346	152	5792	0.187	ng		99
17) Acenaphthene	14.688	154	4346	0.191	ng		99
18) Fluorene	15.671	166	5846	0.192	ng		98
20) 4,6-Dinitro-2-methylph...	15.751	198	286	0.163	ng	#	53
21) 4-Bromophenyl-phenylether	16.558	248	1767	0.192	ng		98
22) Hexachlorobenzene	16.670	284	2380	0.207	ng		98
23) Atrazine	16.831	200	1175	0.185	ng		97
24) Pentachlorophenol	17.017	266	661	0.166	ng		98
25) Phenanthrene	17.414	178	8980	0.190	ng		99
26) Anthracene	17.501	178	6863	0.182	ng		100
28) Fluoranthene	19.435	202	9340	0.175	ng		99
30) Pyrene	19.798	202	9206	0.195	ng		100
32) Benzo(a)anthracene	21.545	228	7184	0.180	ng		98
33) Chrysene	21.598	228	8811	0.201	ng		99
34) Bis(2-ethylhexyl)phtha...	21.464	149	3792	0.204	ng		100
36) Indeno(1,2,3-cd)pyrene	26.579	276	7901	0.191	ng		98
37) Benzo(b)fluoranthene	23.261	252	8270m	0.210	ng		
38) Benzo(k)fluoranthene	23.308	252	7553	0.197	ng	#	93
39) Benzo(a)pyrene	23.901	252	6982	0.235	ng	#	79
40) Dibenzo(a,h)anthracene	26.600	278	6140	0.185	ng		94
41) Benzo(g,h,i)perylene	27.369	276	6281	0.186	ng		96

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

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