Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
Data File : BN019001.D
Acq On : 17 Mar 2022 19:07
Operator : CG/JU
Sample : N1645-08
Misc : LOQ-WATER 0.2ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

Quant Time: Mar 18 13:44:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	5090	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	13519	0.400	ng		# 0.00
13) Acenaphthene-d10	14.495	164	8400	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	17563	0.400	ng		# 0.00
29) Chrysene-d12	21.422	240	11379	0.400	ng		# 0.00
35) Perylene-d12	23.793	264	7948	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	4246	0.372	ng		0.00
5) Phenol-d6	7.017	99	3999	0.334	ng		0.00
8) Nitrobenzene-d5	9.014	82	3159	0.324	ng		0.00
11) 2-Methylnaphthalene-d10	12.253	152	7797	0.348	ng		0.00
14) 2,4,6-Tribromophenol	15.985	330	1162	0.287	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	12371	0.367	ng		-0.01
27) Fluoranthene-d10	19.265	212	18029	0.346	ng		0.00
31) Terphenyl-d14	19.864	244	10857	0.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	1297	0.206	ng		97
3) n-Nitrosodimethylamine	3.572	42	1246	0.170	ng	#	91
6) bis(2-Chloroethyl)ether	7.269	93	2563	0.180	ng		98
9) Naphthalene	10.712	128	7316	0.190	ng		98
10) Hexachlorobutadiene	11.011	225	1805	0.192	ng	#	99
12) 2-Methylnaphthalene	12.325	142	5035	0.193	ng		99
16) Acenaphthylene	14.217	152	6617	0.170	ng		99
17) Acenaphthene	14.559	154	4930	0.180	ng		97
18) Fluorene	15.543	166	6067	0.176	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	220	0.176	ng	#	16
21) 4-Bromophenyl-phenylether	16.426	248	1810	0.163	ng	#	86
22) Hexachlorobenzene	16.549	284	2694	0.189	ng		100
23) Atrazine	16.692	200	1399	0.169	ng		98
24) Pentachlorophenol	16.897	266	641m	0.146	ng		
25) Phenanthrene	17.277	178	9598	0.175	ng		99
26) Anthracene	17.369	178	7379	0.159	ng		99
28) Fluoranthene	19.295	202	11360	0.176	ng		99
30) Pyrene	19.657	202	11324	0.200	ng		99
32) Benzo(a)anthracene	21.404	228	5205	0.148	ng		98
33) Chrysene	21.458	228	8876	0.188	ng		99
34) Bis(2-ethylhexyl)phtha...	21.333	149	3943	0.170	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.255	276	5221m	0.182	ng		
37) Benzo(b)fluoranthene	23.071	252	5031	0.174	ng	#	80
38) Benzo(k)fluoranthene	23.121	252	7641m	0.192	ng		
39) Benzo(a)pyrene	23.694	252	5704m	0.216	ng		
40) Dibenzo(a,h)anthracene	26.281	278	3956m	0.177	ng		
41) Benzo(g,h,i)perylene	27.001	276	4965	0.176	ng		93

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

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