Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019256.D
Acq On : 31 Mar 2022 16:21
Operator : CG/JU
Sample : N1645-08
Misc : LOQ-WATER-0.2PPM
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

Quant Time: Mar 31 16:57:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	4939	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	12946	0.400	ng	#	0.00
13) Acenaphthene-d10	14.474	164	7890	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	16061	0.400	ng		0.00
29) Chrysene-d12	21.413	240	11572	0.400	ng	#	0.00
35) Perylene-d12	23.767	264	10245	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	3403	0.315	ng		0.00
5) Phenol-d6	7.002	99	3050	0.266	ng		0.00
8) Nitrobenzene-d5	9.003	82	2233	0.240	ng		0.01
11) 2-Methylnaphthalene-d10	12.238	152	6570	0.320	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	892	0.242	ng		0.01
15) 2-Fluorobiphenyl	13.105	172	8800	0.278	ng		0.00
27) Fluoranthene-d10	19.253	212	15695	0.325	ng		0.00
31) Terphenyl-d14	19.851	244	8055	0.313	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	1291	0.197	ng		95
3) n-Nitrosodimethylamine	3.564	42	1081	0.158	ng		94
6) bis(2-Chloroethyl)ether	7.255	93	2580	0.189	ng		98
9) Naphthalene	10.690	128	7259	0.193	ng		96
10) Hexachlorobutadiene	10.989	225	1694	0.193	ng	#	99
12) 2-Methylnaphthalene	12.310	142	4659	0.192	ng		98
16) Acenaphthylene	14.196	152	5972	0.164	ng		99
17) Acenaphthene	14.538	154	4655	0.180	ng		98
18) Fluorene	15.521	166	5729	0.177	ng		99
20) 4,6-Dinitro-2-methylph...	15.628	198	192	0.160	ng	#	4
21) 4-Bromophenyl-phenylether	16.415	248	1636	0.159	ng	#	90
22) Hexachlorobenzene	16.528	284	2587	0.193	ng		99
23) Atrazine	16.682	200	1131	0.160	ng		93
24) Pentachlorophenol	16.887	266	702	0.182	ng		99
25) Phenanthrene	17.256	178	8971	0.177	ng		99
26) Anthracene	17.359	178	6676	0.160	ng		100
28) Fluoranthene	19.282	202	10942	0.181	ng		98
30) Pyrene	19.645	202	11182	0.196	ng		98
32) Benzo(a)anthracene	21.395	228	5544	0.153	ng		97
33) Chrysene	21.440	228	8258	0.178	ng		98
34) Bis(2-ethylhexyl)phtha...	21.315	149	4177	0.172	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.217	276	6955m	0.166	ng		
37) Benzo(b)fluoranthene	23.054	252	6454	0.170	ng	#	82
38) Benzo(k)fluoranthene	23.100	252	6846m	0.167	ng		
39) Benzo(a)pyrene	23.670	252	7135	0.206	ng	#	67
40) Dibenzo(a,h)anthracene	26.240	278	5000m	0.164	ng		
41) Benzo(g,h,i)perylene	26.954	276	6917	0.162	ng		96

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

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