Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
Data File : BN019004.D
Acq On : 17 Mar 2022 20:55
Operator : CG/JU
Sample : N1645-08
Misc : LOQ-WATER 0.2ng
ALS Vial : 11 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 12:08:44 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	5343	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	14068	0.400	ng		# 0.00
13) Acenaphthene-d10	14.495	164	8668	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	16172	0.400	ng		# 0.00
29) Chrysene-d12	21.422	240	9809	0.400	ng		# 0.00
35) Perylene-d12	23.793	264	7738	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	4618	0.386	ng		0.00
5) Phenol-d6	7.009	99	4241	0.338	ng		0.00
8) Nitrobenzene-d5	9.014	82	3300	0.325	ng		0.00
11) 2-Methylnaphthalene-d10	12.249	152	8023	0.344	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	1083	0.259	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	12646	0.364	ng		-0.01
27) Fluoranthene-d10	19.265	212	15654	0.326	ng		0.00
31) Terphenyl-d14	19.864	244	9115	0.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	1294	0.196	ng		96
3) n-Nitrosodimethylamine	3.579	42	1401	0.182	ng	#	98
6) bis(2-Chloroethyl)ether	7.269	93	2780	0.186	ng		97
9) Naphthalene	10.712	128	7616	0.190	ng		98
10) Hexachlorobutadiene	11.011	225	1884	0.192	ng	#	100
12) 2-Methylnaphthalene	12.325	142	5160	0.190	ng		97
16) Acenaphthylene	14.206	152	6673	0.166	ng		99
17) Acenaphthene	14.548	154	4945	0.175	ng		97
18) Fluorene	15.543	166	5858	0.165	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	199	0.175	ng	#	2
21) 4-Bromophenyl-phenylether	16.425	248	1658	0.163	ng	#	84
22) Hexachlorobenzene	16.548	284	2540	0.193	ng		99
23) Atrazine	16.692	200	1164	0.153	ng		94
24) Pentachlorophenol	16.897	266	589m	0.146	ng		
25) Phenanthrene	17.277	178	8711	0.172	ng		99
26) Anthracene	17.369	178	6351	0.149	ng		99
28) Fluoranthene	19.295	202	9789	0.165	ng		98
30) Pyrene	19.657	202	9916	0.203	ng		99
32) Benzo(a)anthracene	21.404	228	4317	0.143	ng		98
33) Chrysene	21.458	228	7695	0.189	ng		98
34) Bis(2-ethylhexyl)phtha...	21.333	149	3115	0.155	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.255	276	4316	0.155	ng		91
37) Benzo(b)fluoranthene	23.071	252	4709	0.167	ng	#	79
38) Benzo(k)fluoranthene	23.118	252	6638	0.172	ng	#	82
39) Benzo(a)pyrene	23.691	252	5239	0.204	ng	#	58
40) Dibenzo(a,h)anthracene	26.272	278	956	0.044	ng	#	67
41) Benzo(g,h,i)perylene	26.995	276	5326	0.194	ng		94

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

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