Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
Data File : BN019003.D
Acq On : 17 Mar 2022 20:19
Operator : CG/JU
Sample : N1645-07
Misc : LOD-MDL-WATER 0.1ng
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Manual Integrations APPROVED

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

Quant Time: Mar 18 02:00:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 01:58:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	5052	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	13286	0.400	ng	#	0.00
13) Acenaphthene-d10	14.495	164	8531	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	17311	0.400	ng	#	0.00
29) Chrysene-d12	21.422	240	10882	0.400	ng	#	0.00
35) Perylene-d12	23.793	264	7463	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	4268	0.377	ng		0.00
5) Phenol-d6	7.017	99	3892	0.328	ng		0.00
8) Nitrobenzene-d5	9.014	82	2884	0.301	ng		0.00
11) 2-Methylnaphthalene-d10	12.253	152	7476	0.339	ng		0.00
14) 2,4,6-Tribromophenol	15.985	330	1119	0.272	ng		0.00
15) 2-Fluorobiphenyl	13.127	172	11593	0.339	ng		0.00
27) Fluoranthene-d10	19.265	212	17732	0.345	ng		0.00
31) Terphenyl-d14	19.860	244	10623	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	588	0.094	ng	#	95
3) n-Nitrosodimethylamine	3.579	42	676	0.093	ng		92
6) bis(2-Chloroethyl)ether	7.269	93	1263	0.089	ng		100
9) Naphthalene	10.712	128	3695	0.098	ng	#	94
10) Hexachlorobutadiene	11.011	225	887	0.096	ng	#	99
12) 2-Methylnaphthalene	12.325	142	2386	0.093	ng		95
16) Acenaphthylene	14.217	152	3208	0.081	ng		99
17) Acenaphthene	14.559	154	2495	0.090	ng		99
18) Fluorene	15.543	166	3009	0.086	ng		99
20) 4,6-Dinitro-2-methylph...	15.628	198	83	0.039	ng	#	1
21) 4-Bromophenyl-phenylether	16.426	248	815	0.075	ng	#	82
22) Hexachlorobenzene	16.549	284	1370	0.097	ng		97
23) Atrazine	16.692	200	662	0.081	ng		90
24) Pentachlorophenol	16.897	266	199	0.046	ng		95
25) Phenanthrene	17.277	178	4542	0.084	ng		99
26) Anthracene	17.369	178	3294	0.072	ng		100
28) Fluoranthene	19.295	202	5695	0.090	ng		99
30) Pyrene	19.657	202	5657	0.104	ng		98
32) Benzo(a)anthracene	21.404	228	2415	0.072	ng		95
33) Chrysene	21.458	228	4408	0.097	ng		97
34) Bis(2-ethylhexyl)phtha...	21.333	149	2092	0.094	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.264	276	2415m	0.090	ng		
37) Benzo(b)fluoranthene	23.074	252	2441	0.090	ng	#	62
38) Benzo(k)fluoranthene	23.118	252	2956m	0.079	ng		
39) Benzo(a)pyrene	23.694	252	2778m	0.112	ng		
40) Dibenzo(a,h)anthracene	26.290	278	1849m	0.088	ng		
41) Benzo(g,h,i)perylene	26.998	276	2609m	0.099	ng		

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

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