Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051420\
Data File : BN010716.D
Acq On : 14 May 2020 17:33
Operator : CG/JU
Sample : L2182-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2020

Quant Time: May 14 18:47:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:56:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4507	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	17223	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	10523	0.40	ng		0.02
19) Phenanthrene-d10	16.96	188	22593	0.40	ng		0.00
27) Chrysene-d12	21.16	240	18763	0.40	ng		0.00
34) Perylene-d12	23.33	264	17724	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	2091	0.24	ng		0.00
5) Phenol-d6	6.78	99	2380	0.22	ng		0.00
8) Nitrobenzene-d5	8.72	82	2790	0.23	ng		0.01
11) 2-Methylnaphthalene-d10	11.93	152	6299	0.22	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	766	0.20	ng		0.00
15) 2-Fluorobiphenyl	12.83	172	8996	0.23	ng		0.00
25) Fluoranthene-d10	18.99	212	13441	0.22	ng		0.00
29) Terphenyl-d14	19.60	244	10604	0.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	244	0.063	ng		93
3) n-Nitrosodimethylamine	3.58	42	111m	0.050	ng		
6) bis(2-Chloroethyl)ether	7.03	93	753	0.068	ng		99
9) Naphthalene	10.38	128	2858	0.066	ng		95
10) Hexachlorobutadiene	10.67	225	621	0.063	ng	#	100
12) 2-Methylnaphthalene	12.01	142	1914	0.063	ng		97
16) Acenaphthylene	13.92	152	2471	0.057	ng		99
17) Acenaphthene	14.26	154	1700	0.059	ng		96
18) Fluorene	15.27	166	2243	0.059	ng		99
20) 4-Bromophenyl-phenylether	16.16	248	643	0.052	ng		98
21) Hexachlorobenzene	16.27	284	881	0.059	ng		96
22) Pentachlorophenol	16.63	266	443	0.096	ng	#	87
23) Phenanthrene	16.99	178	3583	0.059	ng		99
24) Anthracene	17.09	178	2836	0.056	ng		99
26) Fluoranthene	19.02	202	4120	0.060	ng		99
28) Pyrene	19.38	202	4112	0.061	ng		99
30) Benzo(a)anthracene	21.14	228	3606	0.066	ng		96
31) Chrysene	21.20	228	3833	0.062	ng		98
32) Bis(2-ethylhexyl)phthalate	21.09	149	1928	0.080	ng		99
33) Indeno(1,2,3-cd)pyrene	25.48	276	3704	0.067	ng		98
35) Benzo(b)fluoranthene	22.69	252	3554	0.061	ng	#	70
36) Benzo(k)fluoranthene	22.73	252	4081	0.065	ng	#	68
37) Benzo(a)pyrene	23.24	252	2868	0.057	ng	#	49
38) Dibenzo(a,h)anthracene	25.50	278	3089	0.071	ng	#	71
39) Benzo(g,h,i)perylene	26.12	276	3434	0.068	ng	#	87

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

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