Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
Data File : BN010310.D
Acq On : 20 Mar 2020 15:13
Operator : CG/JU
Sample : L1161-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-03-QT1-2020

Quant Time: Mar 20 16:13:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3949	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13532	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	8137	0.40	ng		0.00
19) Phenanthrene-d10	16.98	188	19676	0.40	ng		0.00
27) Chrysene-d12	21.19	240	20791	0.40	ng		0.00
34) Perylene-d12	23.36	264	20773	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2924	0.37	ng		0.00
5) Phenol-d6	6.79	99	3651	0.38	ng		0.00
8) Nitrobenzene-d5	8.75	82	3226	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	7384	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.74	330	938	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	11961	0.38	ng		0.00
25) Fluoranthene-d10	19.02	212	19969	0.34	ng		0.00
29) Terphenyl-d14	19.64	244	17587	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	310	0.084	ng		96
3) n-Nitrosodimethylamine	3.60	42	243	0.078	ng	#	1
6) bis(2-Chloroethyl)ether	7.05	93	819	0.088	ng		96
9) Naphthalene	10.42	128	2901	0.086	ng	#	92
10) Hexachlorobutadiene	10.73	225	697	0.085	ng	#	98
12) 2-Methylnaphthalene	12.05	142	1996	0.085	ng		98
16) Acenaphthylene	13.95	152	2427	0.076	ng		99
17) Acenaphthene	14.30	154	1775	0.078	ng		95
18) Fluorene	15.29	166	2378	0.079	ng		99
20) 4-Bromophenyl-phenylether	16.18	248	873	0.073	ng	#	93
21) Hexachlorobenzene	16.30	284	1028	0.084	ng		98
22) Pentachlorophenol	16.64	266	700	0.167	ng		91
23) Phenanthrene	17.02	178	4338	0.080	ng		99
24) Anthracene	17.12	178	3470	0.075	ng		98
26) Fluoranthene	19.05	202	5279	0.080	ng		99
28) Pyrene	19.41	202	5175	0.080	ng		100
30) Benzo(a)anthracene	21.17	228	5242	0.079	ng		96
31) Chrysene	21.22	228	6026	0.085	ng		97
32) Bis(2-ethylhexyl)phthalate	21.13	149	1685	0.075	ng		97
33) Indeno(1,2,3-cd)pyrene	25.51	276	6101	0.080	ng		99
35) Benzo(b)fluoranthene	22.72	252	5678	0.080	ng	#	84
36) Benzo(k)fluoranthene	22.76	252	5769	0.080	ng	#	83
37) Benzo(a)pyrene	23.27	252	4173	0.070	ng	#	74
38) Dibenzo(a,h)anthracene	25.53	278	4997	0.078	ng	#	86
39) Benzo(g,h,i)perylene	26.16	276	5249	0.081	ng		93

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

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