Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070620\
Data File : BN011105.D
Acq On : 06 Jul 2020 15:07
Operator : CG/JU
Sample : L1955-12
Misc : MDL-WTR--05
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-05

Quant Time: Jul 06 15:42:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 06 12:31:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1883	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	5918	0.40	ng		-0.01
13) Acenaphthene-d10	14.13	164	3113	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	6264	0.40	ng		0.00
29) Chrysene-d12	21.11	240	5424	0.40	ng		0.01
36) Perylene-d12	23.25	264	5237	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.17	112	1681	0.36	ng		0.00
5) Phenol-d6	6.71	99	1785	0.33	ng		0.00
8) Nitrobenzene-d5	8.66	82	1577	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.85	152	3404	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	420	0.32	ng		0.01
15) 2-Fluorobiphenyl	12.75	172	4301	0.29	ng		0.00
27) Fluoranthene-d10	18.93	212	6335	0.33	ng		0.00
31) Terphenyl-d14	19.55	244	4866	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	220	0.083	ng	#	95
3) n-Nitrosodimethylamine	3.59	42	89	0.066	ng	#	84
6) bis(2-Chloroethyl)ether	6.96	93	499	0.102	ng		91
9) Naphthalene	10.30	128	1567	0.089	ng	#	86
10) Hexachlorobutadiene	10.60	225	390	0.087	ng	#	97
12) 2-Methylnaphthalene	11.93	142	1023	0.087	ng	#	95
16) Acenaphthylene	13.85	152	1248	0.080	ng		99
17) Acenaphthene	14.20	154	847	0.080	ng		96
18) Fluorene	15.20	166	1162	0.088	ng		99
20) 4,6-Dinitro-2-methylphenol	15.34	198	32	0.048	ng	#	47
21) 4-Bromophenyl-phenylether	16.10	248	296	0.071	ng	#	90
22) Hexachlorobenzene	16.20	284	426	0.087	ng		95
23) Atrazine	16.39	200	255	0.087	ng	#	78
24) Pentachlorophenol	16.57	266	277	0.210	ng		95
25) Phenanthrene	16.93	178	1640	0.081	ng		98
26) Anthracene	17.03	178	1246	0.074	ng		96
28) Fluoranthene	18.96	202	1866	0.082	ng		99
30) Pyrene	19.33	202	1869	0.092	ng		99
32) Benzo(a)anthracene	21.10	228	1538m	0.085	ng		
33) Chrysene	21.15	228	1800	0.087	ng		95
34) Bis(2-ethylhexyl)phthalate	21.05	149	925	0.126	ng	#	97
35) Indeno(1,2,3-cd)pyrene	25.36	276	1500	0.069	ng	#	90
37) Benzo(b)fluoranthene	22.62	252	1599	0.076	ng	#	61
38) Benzo(k)fluoranthene	22.66	252	1648	0.073	ng	#	59
39) Benzo(a)pyrene	23.17	252	1329	0.073	ng	#	42
40) Dibenzo(a,h)anthracene	25.38	278	1088	0.059	ng	#	39
41) Benzo(g,h,i)perylene	25.98	276	1782	0.087	ng	#	84

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

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