Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051520\
Data File : BN010727.D
Acq On : 15 May 2020 12:26
Operator : CG/JU
Sample : L2182-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-03-QT2-2020

Quant Time: May 15 12:58:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 10:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	5005	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	19011	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	11587	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	24806	0.40	ng		0.00
27) Chrysene-d12	21.15	240	19389	0.40	ng		0.00
34) Perylene-d12	23.32	264	17920	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	2519	0.26	ng		0.00
5) Phenol-d6	6.77	99	2953	0.25	ng		0.00
8) Nitrobenzene-d5	8.72	82	3129	0.24	ng		0.01
11) 2-Methylnaphthalene-d10	11.93	152	6984	0.23	ng		0.00
14) 2,4,6-Tribromophenol	15.72	330	873	0.21	ng		0.02
15) 2-Fluorobiphenyl	12.83	172	9970	0.23	ng		0.02
25) Fluoranthene-d10	18.99	212	14422	0.21	ng		0.00
29) Terphenyl-d14	19.60	244	11362	0.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	275	0.06	ng	#	95
3) n-Nitrosodimethylamine	3.61	42	128	0.05	ng	#	95
6) bis(2-Chloroethyl)ether	7.03	93	745	0.06	ng		95
9) Naphthalene	10.38	128	3124	0.07	ng		95
10) Hexachlorobutadiene	10.67	225	671	0.06	ng	#	97
12) 2-Methylnaphthalene	12.00	142	2114	0.06	ng		97
16) Acenaphthylene	13.92	152	2661	0.06	ng		99
17) Acenaphthene	14.27	154	1939	0.06	ng		99
18) Fluorene	15.26	166	2480	0.06	ng		99
20) 4-Bromophenyl-phenylether	16.17	248	719	0.05	ng		94
21) Hexachlorobenzene	16.27	284	1021	0.06	ng		98
22) Pentachlorophenol	16.62	266	516	0.10	ng		96
23) Phenanthrene	17.00	178	3987	0.06	ng		98
24) Anthracene	17.09	178	3033	0.05	ng		99
26) Fluoranthene	19.02	202	4526	0.06	ng		98
28) Pyrene	19.39	202	4380	0.06	ng		99
30) Benzo(a)anthracene	21.14	228	3650	0.06	ng		95
31) Chrysene	21.20	228	4010	0.06	ng		98
32) Bis(2-ethylhexyl)phthalate	21.09	149	2231	0.09	ng		99
33) Indeno(1,2,3-cd)pyrene	25.48	276	3440	0.06	ng		99
35) Benzo(b)fluoranthene	22.69	252	3514	0.06	ng	#	68
36) Benzo(k)fluoranthene	22.73	252	3901	0.06	ng	#	68
37) Benzo(a)pyrene	23.24	252	2901	0.06	ng	#	49
38) Dibenzo(a,h)anthracene	25.49	278	2726	0.06	ng	#	67
39) Benzo(g,h,i)perylene	26.11	276	3260	0.06	ng	#	87

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

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