Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
Data File : BG041078.D
Acq On : 5 Jun 2019 18:53
Operator : HP/JU
Sample : K2241-09
Misc : MDL-WATER-8PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Manual Integrations APPROVED
mohammad
6/6/2019 3:42:33 PM

Quant Time: Jun 06 08:44:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	36417	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	134330	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	87362	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	236180	20.00	ng		-0.02
76) Chrysene-d12	21.77	240	290728	20.00	ng		-0.02
87) Perylene-d12	25.09	264	311125	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	241894	119.78	ng		-0.01
7) Phenol-d6	7.25	99	331290	106.22	ng		-0.01
23) Nitrobenzene-d5	9.29	82	226503	74.86	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	167632	129.25	ng		-0.02
45) 2-Fluorobiphenyl	13.36	172	496998	81.93	ng		-0.02
79) Terphenyl-d14	20.08	244	1021846	74.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	8708	9.502	ng		96
3) Pyridine	3.93	79	18788	6.928	ng	#	77
4) n-Nitrosodimethylamine	3.85	42	8117	6.450	ng	#	91
6) Aniline	7.44	93	26518	6.370	ng		95
8) 2-Chlorophenol	7.67	128	17369	7.214	ng		91
9) Benzaldehyde	7.25	77	18476	9.930	ng		81
10) Phenol	7.28	94	22608	6.760	ng		95
11) bis(2-Chloroethyl)ether	7.53	93	16634	6.856	ng		96
12) 1,3-Dichlorobenzene	8.00	146	19416	6.752	ng		96
13) 1,4-Dichlorobenzene	8.15	146	20026	6.880	ng		90
14) 1,2-Dichlorobenzene	8.47	146	20298	7.182	ng		94
15) Benzyl Alcohol	8.35	79	17793	6.167	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	24517	6.184	ng		93
17) 2-Methylphenol	8.54	107	14523	5.998	ng	#	93
18) Hexachloroethane	9.20	117	7214	6.430	ng		86
19) n-Nitroso-di-n-propylamine	8.91	70	15030	6.262	ng	#	94
20) 3+4-Methylphenols	8.88	107	19126	5.702	ng		96
22) Acetophenone	8.94	105	29129	7.730	ng	#	95
24) Nitrobenzene	9.33	77	24436	7.924	ng		91
25) Isophorone	9.85	82	39593	6.876	ng	#	94
26) 2-Nitrophenol	10.04	139	9609	7.559	ng	#	80
27) 2,4-Dimethylphenol	10.09	122	14694	6.999	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	21185	6.816	ng		96
29) 2,4-Dichlorophenol	10.57	162	16846	6.319	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	20756	6.843	ng		94
31) Naphthalene	10.98	128	54504	7.557	ng		97
32) Benzoic acid	10.20	122	2935m	9.623	ng		
33) 4-Chloroaniline	11.10	127	21983	6.569	ng		95
34) Hexachlorobutadiene	11.24	225	15960	6.877	ng		92
35) Caprolactam	11.85	113	5522	6.272	ng	#	74
36) 4-Chloro-3-methylphenol	12.20	107	18969	6.230	ng		92
37) 2-Methylnaphthalene	12.58	142	36907	6.644	ng		97
38) 1-Methylnaphthalene	12.79	142	37339	7.133	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	28780	8.173	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	10225	13.081	ng		89
43) 2,4,6-Trichlorophenol	13.18	196	16501	7.244	ng		97
44) 2,4,5-Trichlorophenol	13.25	196	18971	7.897	ng		89
46) 1,1'-Biphenyl	13.58	154	49996	7.731	ng		98
47) 2-Chloronaphthalene	13.62	162	41919	7.551	ng		97
48) 2-Nitroaniline	13.83	65	13642	6.850	ng	#	87
49) Acenaphthylene	14.47	152	66062	7.906	ng		96
50) Dimethylphthalate	14.19	163	54264	7.338	ng	#	95
51) 2,6-Dinitrotoluene	14.32	165	12008	7.531	ng		94
52) Acenaphthene	14.80	154	37457	7.400	ng		87
53) 3-Nitroaniline	14.65	138	11868	7.443	ng		81
54) 2,4-Dinitrophenol	14.87	184	1220	10.096	ng	#	83
55) Dibenzofuran	15.14	168	68107	7.997	ng		95
56) 4-Nitrophenol	14.95	139	6109	5.586	ng		96
57) 2,4-Dinitrotoluene	15.10	165	16160	7.175	ng		89
58) Fluorene	15.79	166	52359	7.719	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	19064	8.075	ng		95
60) Diethylphthalate	15.54	149	53107	7.037	ng		94
61) 4-Chlorophenyl-phenylether	15.77	204	31660	7.181	ng		98
62) 4-Nitroaniline	15.81	138	13304	7.882	ng		89
63) Azobenzene	16.06	77	52042	7.587	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	6054m	12.517	ng		
66) n-Nitrosodiphenylamine	15.98	169	47716	7.187	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	21194	6.649	ng		94
68) Hexachlorobenzene	16.78	284	21854	6.439	ng		96
69) Atrazine	16.92	200	20700	8.080	ng		91
70) Pentachlorophenol	17.13	266	9193	9.043	ng		93
71) Phenanthrene	17.53	178	95419	7.756	ng		98
72) Anthracene	17.62	178	97746	8.056	ng		96
73) Carbazole	17.89	167	86316	8.291	ng		97
74) Di-n-butylphthalate	18.42	149	94030	7.267	ng		99
75) Fluoranthene	19.53	202	134148	8.828	ng		97
77) Benzidine	19.71	184	58984	8.505	ng		96
78) Pyrene	19.89	202	137463	7.273	ng		97
80) Butylbenzylphthalate	20.76	149	48607	6.609	ng		97
81) Benzo(a)anthracene	21.74	228	153873	7.951	ng		100
82) 3,3'-Dichlorobenzidine	21.66	252	54590	8.020	ng		91
83) Chrysene	21.81	228	144538	7.805	ng		96
84) Bis(2-ethylhexyl)phthalate	21.61	149	72397	6.993	ng		94
85) Di-n-octyl phthalate	22.85	149	128237	7.437	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	162769	7.175	ng	#	95
88) Benzo(b)fluoranthene	24.02	252	143476	7.603	ng		96
89) Benzo(k)fluoranthene	24.09	252	142735m	7.644	ng		
90) Benzo(a)pyrene	24.93	252	139774	7.763	ng	#	90
91) Dibenzo(a,h)anthracene	28.98	278	135413	7.527	ng	#	97
92) Benzo(g,h,i)perylene	30.12	276	135662	7.762	ng	#	90

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

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