Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
Data File : BG029008.D
Acq On : 3 Oct 2017 16:45
Operator : SJ/JU
Sample : I5275-06
Misc : LOQ 20 PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-WATER-06-QT4-2017

Quant Time: Oct 05 01:23:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	37160	20.00	ng		-0.09
21) Naphthalene-d8	11.06	136	149547	20.00	ng		-0.09
38) Acenaphthene-d10	14.86	164	105526	20.00	ng		-0.08
63) Phenanthrene-d10	17.61	188	255796	20.00	ng		-0.08
75) Chrysene-d12	21.93	240	287858	20.00	ng		-0.11
86) Perylene-d12	25.35	264	275460	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	372403	165.36	ng		-0.09
7) Phenol-d6	7.40	99	516846	152.43	ng		-0.09
23) Nitrobenzene-d5	9.41	82	300145	96.01	ng		-0.09
41) 2,4,6-Tribromophenol	16.36	330	283610	162.50	ng		-0.08
44) 2-Fluorobiphenyl	13.48	172	762381	96.33	ng		-0.08
78) Terphenyl-d14	20.20	244	1255016	92.98	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.72	88	18169	19.922	ng	#	94
3) Pyridine	4.13	79	52558	20.203	ng		95
4) n-Nitrosodimethylamine	4.04	42	25822	21.820	ng	#	85
6) Aniline	7.57	93	79499	20.146	ng		93
8) 2-Chlorophenol	7.81	128	49780	19.829	ng		89
9) Benzaldehyde	7.38	77	30242	14.376	ng		86
10) Phenol	7.43	94	72203	20.177	ng		93
11) bis(2-Chloroethyl)ether	7.65	93	52410	20.400	ng		91
12) 1,3-Dichlorobenzene	8.13	146	56106	20.754	ng		94
13) 1,4-Dichlorobenzene	8.28	146	59917	21.555	ng		97
14) 1,2-Dichlorobenzene	8.59	146	56381	20.530	ng		99
15) Benzyl Alcohol	8.48	79	49034	18.525	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.75	45	98040	20.997	ng		97
17) 2-Methylphenol	8.68	107	45267	19.358	ng		87
18) Hexachloroethane	9.32	117	20746	20.363	ng	#	84
19) n-Nitroso-di-n-propylamine	9.04	70	47533	19.775	ng	#	87
20) 3+4-Methylphenols	9.01	107	62179	19.011	ng		93
22) Acetophenone	9.06	105	91932	21.024	ng	#	88
24) Nitrobenzene	9.46	77	72588	20.969	ng		90
25) Isophorone	9.97	82	129310	20.443	ng		98
26) 2-Nitrophenol	10.17	139	28969	19.663	ng		98
27) 2,4-Dimethylphenol	10.22	122	49344	18.323	ng		94
28) bis(2-Chloroethoxy)methane	10.45	93	71988	20.957	ng		95
29) 2,4-Dichlorophenol	10.72	162	53362	19.915	ng		93
30) 1,2,4-Trichlorobenzene	10.92	180	64098	20.969	ng		98
31) Naphthalene	11.11	128	162263	20.775	ng		99
32) Benzoic acid	10.35	122	27775	18.767	ng		95
33) 4-Chloroaniline	11.22	127	66026	20.179	ng	#	90
34) Hexachlorobutadiene	11.38	225	45732	20.312	ng		94
35) Caprolactam	11.99	113	17061	17.756	ng	#	70
36) 4-Chloro-3-methylphenol	12.33	107	65135	18.679	ng		91
37) 2-Methylnaphthalene	12.70	142	119413	20.477	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	90575	20.875	ng	#	94
40) Hexachlorocyclopentadiene	13.04	237	19894	18.284	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	53282	19.348	ng		94
43) 2,4,5-Trichlorophenol	13.39	196	54594	19.729	ng	#	88
45) 1,1'-Biphenyl	13.69	154	179481	20.542	ng		99
46) 2-Chloronaphthalene	13.75	162	129122	20.262	ng		98
47) 2-Nitroaniline	13.95	65	46391	19.587	ng	#	87
48) Acenaphthylene	14.59	152	208502	20.479	ng		99
49) Dimethylphthalate	14.31	163	178662	20.190	ng		97
50) 2,6-Dinitrotoluene	14.43	165	38376	19.490	ng		86
51) Acenaphthene	14.93	154	123945	20.040	ng		92
52) 3-Nitroaniline	14.78	138	35411	20.337	ng	#	90
53) 2,4-Dinitrophenol	14.99	184	9942	16.626	ng	#	86
54) Dibenzofuran	15.26	168	193322	19.601	ng		94
55) 4-Nitrophenol	15.10	139	22285	17.469	ng	#	73
56) 2,4-Dinitrotoluene	15.23	165	55550	20.065	ng		86
57) Fluorene	15.91	166	176689	20.066	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	45107	18.495	ng	#	96
59) Diethylphthalate	15.66	149	183792	20.211	ng		96
60) 4-Chlorophenyl-phenylether	15.89	204	99315	19.808	ng		90
61) 4-Nitroaniline	15.94	138	37003	20.059	ng	#	71
62) Azobenzene	16.19	77	157755	20.627	ng		92
64) 4,6-Dinitro-2-methylphenol	16.00	198	32574	19.735	ng		93
65) n-Nitrosodiphenylamine	16.11	169	152267	20.765	ng		98
66) 4-Bromophenyl-phenylether	16.79	248	66585	20.230	ng		95
67) Hexachlorobenzene	16.92	284	79132	21.124	ng	#	87
68) Atrazine	17.05	200	61140	19.419	ng		99
69) Pentachlorophenol	17.27	266	29836	17.628	ng		95
70) Phenanthrene	17.65	178	272452	20.828	ng		94
71) Anthracene	17.75	178	275724	20.866	ng		96
72) Carbazole	18.02	167	247682	20.812	ng		95
73) Di-n-butylphthalate	18.55	149	300547	20.596	ng	#	95
74) Fluoranthene	19.66	202	338960	21.222	ng		94
76) Benzidine	19.83	184	116347	15.586	ng		98
77) Pyrene	20.02	202	347251	20.914	ng		94
79) Butylbenzylphthalate	20.89	149	135606	20.222	ng		92
80) Benzo(a)anthracene	21.90	228	348765	20.128	ng		96
81) 3,3'-Dichlorobenzidine	21.81	252	136714	19.461	ng	#	99
82) Chrysene	21.97	228	337853	20.550	ng		95
83) Bis(2-ethylhexyl)phthalate	21.77	149	179735	18.853	ng		96
84) Di-n-octyl phthalate	23.04	149	312194	18.743	ng	#	90
85) Indeno(1,2,3-cd)pyrene	29.27	276	384945	18.223	ng	#	98
87) Benzo(b)fluoranthene	24.25	252	335605	20.335	ng		93
88) Benzo(k)fluoranthene	24.32	252	337640	20.482	ng		91
89) Benzo(a)pyrene	25.18	252	323009	20.620	ng	#	95
90) Dibenzo(a,h)anthracene	29.32	278	322094	19.722	ng		94
91) Benzo(g,h,i)perylene	30.49	276	321601	20.182	ng		96

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

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