Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
Data File : BG027938.D
Acq On : 14 Jul 2017 23:38
Operator : SJ/JU
Sample : I3757-06
Misc : 20PPM LOQ
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-WATER-06-QT3-2017

Quant Time: Jul 15 01:41:05 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 16:10:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	50169	20.00	ng		0.00
21) Naphthalene-d8	11.19	136	215824	20.00	ng		0.00
38) Acenaphthene-d10	14.98	164	150527	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	395949	20.00	ng		0.00
75) Chrysene-d12	22.06	240	483731	20.00	ng		0.00
86) Perylene-d12	25.58	264	441129	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	349349	124.55	ng		0.00
7) Phenol-d6	7.52	99	488839	120.97	ng		0.00
23) Nitrobenzene-d5	9.54	82	337223	87.30	ng		0.00
41) 2,4,6-Tribromophenol	16.47	330	322354	144.50	ng		0.00
44) 2-Fluorobiphenyl	13.60	172	1041166	91.22	ng		0.00
78) Terphenyl-d14	20.31	244	1850594	86.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	20715	19.836	ng		92
3) Pyridine	4.29	79	62579	20.892	ng		95
4) n-Nitrosodimethylamine	4.20	42	33695	20.023	ng		93
6) Aniline	7.70	93	92311	19.622	ng		97
8) 2-Chlorophenol	7.94	128	62902	19.606	ng		82
9) Benzaldehyde	7.52	77	38963	17.612	ng		84
10) Phenol	7.54	94	82348	19.437	ng		90
11) bis(2-Chloroethyl)ether	7.78	93	59169	19.049	ng		92
12) 1,3-Dichlorobenzene	8.26	146	74839	19.919	ng	#	92
13) 1,4-Dichlorobenzene	8.41	146	78011m	20.071	ng		
14) 1,2-Dichlorobenzene	8.73	146	72565	19.230	ng		93
15) Benzyl Alcohol	8.60	79	50953	20.635	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.89	45	115529	18.440	ng		99
17) 2-Methylphenol	8.80	107	52317	18.772	ng	#	89
18) Hexachloroethane	9.47	117	24981	19.755	ng		89
19) n-Nitroso-di-n-propylamine	9.17	70	52610	18.648	ng		97
20) 3+4-Methylphenols	9.12	107	73853	18.867	ng		87
22) Acetophenone	9.20	105	103777	19.941	ng	#	91
24) Nitrobenzene	9.58	77	80629	19.847	ng	#	87
25) Isophorone	10.10	82	145636	19.738	ng	#	94
26) 2-Nitrophenol	10.30	139	37854	19.427	ng	#	74
27) 2,4-Dimethylphenol	10.34	122	66121	19.332	ng		92
28) bis(2-Chloroethoxy)methane	10.58	93	83374	19.338	ng		98
29) 2,4-Dichlorophenol	10.83	162	74435	20.101	ng		89
30) 1,2,4-Trichlorobenzene	11.05	180	82688	19.918	ng		99
31) Naphthalene	11.25	128	210431	19.556	ng		98
32) Benzoic acid	10.44	122	27655	22.072	ng		90
33) 4-Chloroaniline	11.35	127	87700	19.942	ng	#	86
34) Hexachlorobutadiene	11.52	225	59135	20.406	ng		97
35) Caprolactam	12.11	113	23643	20.870	ng		96
36) 4-Chloro-3-methylphenol	12.44	107	81587	20.423	ng	#	83
37) 2-Methylnaphthalene	12.82	142	163297	19.881	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.18	216	118294	19.876	ng	#	93
40) Hexachlorocyclopentadiene	13.16	237	49672	17.883	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.42	196	74245	20.574	ng		91
43) 2,4,5-Trichlorophenol	13.50	196	79327	20.876	ng	#	88
45) 1,1'-Biphenyl	13.81	154	255135	19.725	ng		97
46) 2-Chloronaphthalene	13.87	162	185970	19.745	ng		93
47) 2-Nitroaniline	14.06	65	57017	20.262	ng	#	75
48) Acenaphthylene	14.71	152	296240	19.766	ng		96
49) Dimethylphthalate	14.42	163	253359	20.157	ng		98
50) 2,6-Dinitrotoluene	14.55	165	52906	19.703	ng	#	76
51) Acenaphthene	15.04	154	196008	20.845	ng		99
52) 3-Nitroaniline	14.88	138	53637	21.076	ng	#	74
53) 2,4-Dinitrophenol	15.08	184	28527	21.465	ng		91
54) Dibenzofuran	15.38	168	290436	20.210	ng		91
55) 4-Nitrophenol	15.18	139	36683	20.940	ng	#	66
56) 2,4-Dinitrotoluene	15.33	165	76903	20.715	ng	#	82
57) Fluorene	16.02	166	261094	20.334	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.60	232	69536	20.602	ng	#	92
59) Diethylphthalate	15.77	149	258719	21.232	ng		99
60) 4-Chlorophenyl-phenylether	16.01	204	145135	20.499	ng		89
61) 4-Nitroaniline	16.04	138	52886	19.439	ng	#	76
62) Azobenzene	16.30	77	195086	20.423	ng		92
64) 4,6-Dinitro-2-methylphenol	16.09	198	50682	19.203	ng		96
65) n-Nitrosodiphenylamine	16.22	169	225313	19.493	ng		99
66) 4-Bromophenyl-phenylether	16.90	248	96702	19.578	ng		96
67) Hexachlorobenzene	17.03	284	105847	19.666	ng	#	86
68) Atrazine	17.16	200	86697	19.556	ng		97
69) Pentachlorophenol	17.37	266	56474	21.102	ng		98
70) Phenanthrene	17.77	178	411558	19.871	ng		94
71) Anthracene	17.86	178	406906	19.728	ng		95
72) Carbazole	18.13	167	374901	20.193	ng	#	91
73) Di-n-butylphthalate	18.66	149	407114	19.957	ng	#	93
74) Fluoranthene	19.77	202	505203	20.314	ng		92
76) Benzidine	19.94	184	149782	13.265	ng		98
77) Pyrene	20.13	202	528078	20.425	ng		95
79) Butylbenzylphthalate	21.00	149	181227	19.513	ng		88
80) Benzo(a)anthracene	22.04	228	543849	20.453	ng		95
81) 3,3'-Dichlorobenzidine	21.95	252	199205	19.052	ng		97
82) Chrysene	22.12	228	510751	20.076	ng		95
83) Bis(2-ethylhexyl)phthalate	21.90	149	262449	19.410	ng		99
84) Di-n-octyl phthalate	23.21	149	448177	19.526	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.62	276	580029	19.718	ng	#	94
87) Benzo(b)fluoranthene	24.45	252	512163	19.869	ng		98
88) Benzo(k)fluoranthene	24.53	252	529595	20.553	ng		95
89) Benzo(a)pyrene	25.41	252	487559	20.054	ng		98
90) Dibenzo(a,h)anthracene	29.69	278	486289	19.810	ng		97
91) Benzo(g,h,i)perylene	30.89	276	471602	19.933	ng	#	95

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

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