Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
Data File : BG022666.D
Acq On : 28 Jun 2016 6:38
Operator : UM/SJ
Sample : H3606-06
Misc : LOQ20-PPM
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-WATER2016-02

Quant Time: Jun 28 07:46:57 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	143215	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	608220	20.00	ng		-0.01
38) Acenaphthene-d10	14.79	164	452143	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1217737	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1399834	20.00	ng		0.00
86) Perylene-d12	25.21	264	1436774	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	1028386	115.17	ng		0.00
7) Phenol-d6	7.31	99	1491748	118.53	ng		0.00
23) Nitrobenzene-d5	9.33	82	1033046	71.89	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	839601	118.06	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1988840	69.76	ng		0.00
78) Terphenyl-d14	20.15	244	3167801	59.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	40058	11.07	ng		90
3) Pyridine	3.99	79	128783	12.72	ng		93
4) n-Nitrosodimethylamine	3.90	42	64773	11.19	ng	#	98
6) Aniline	7.48	93	92547	5.55	ng		97
8) 2-Chlorophenol	7.72	128	135411	14.64	ng		95
9) Benzaldehyde	7.29	77	148028	33.42	ng		89
10) Phenol	7.33	94	204460	15.37	ng		93
11) bis(2-Chloroethyl)ether	7.57	93	150127	13.71	ng		92
12) 1,3-Dichlorobenzene	8.05	146	149297	13.27	ng		96
13) 1,4-Dichlorobenzene	8.20	146	149630	13.26	ng		91
14) 1,2-Dichlorobenzene	8.52	146	145897	13.60	ng		95
15) Benzyl Alcohol	8.40	79	172842	14.84	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.69	45	163580	13.51	ng		93
17) 2-Methylphenol	8.60	107	132236	15.08	ng		92
18) Hexachloroethane	9.25	117	60686	12.99	ng		94
19) n-Nitroso-di-n-propylamine	8.96	70	133643	12.75	ng		94
20) 3+4-Methylphenols	8.93	107	182273	15.09	ng		96
22) Acetophenone	8.98	105	231366	13.16	ng	#	92
24) Nitrobenzene	9.37	77	208807	13.15	ng		97
25) Isophorone	9.89	82	359159	12.87	ng		97
26) 2-Nitrophenol	10.08	139	78401	13.70	ng	#	82
27) 2,4-Dimethylphenol	10.14	122	144653	13.23	ng		88
28) bis(2-Chloroethoxy)methane	10.38	93	210098	13.79	ng		98
29) 2,4-Dichlorophenol	10.63	162	158268	14.86	ng		92
30) 1,2,4-Trichlorobenzene	10.85	180	170172	13.46	ng		96
31) Naphthalene	11.03	128	417290	13.65	ng		98
32) Benzoic acid	10.22	122	87450	16.05	ng		89
33) 4-Chloroaniline	11.14	127	43949	3.34	ng	#	90
34) Hexachlorobutadiene	11.32	225	128334	13.06	ng		94
35) Caprolactam	11.90	113	55082	16.42	ng		92
36) 4-Chloro-3-methylphenol	12.24	107	192006	14.69	ng		98
37) 2-Methylnaphthalene	12.63	142	325519	13.73	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	218850	12.82	ng		98
40) Hexachlorocyclopentadiene	12.97	237	146555	10.75	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	153198	14.00	ng		96
43) 2,4,5-Trichlorophenol	13.30	196	166371	14.53	ng		95
45) 1,1'-Biphenyl	13.63	154	455747	13.23	ng		98
46) 2-Chloronaphthalene	13.68	162	384463	13.57	ng		95
47) 2-Nitroaniline	13.88	65	151778	13.87	ng		95
48) Acenaphthylene	14.52	152	572457	13.93	ng		98
49) Dimethylphthalate	14.24	163	510089	13.60	ng	#	98
50) 2,6-Dinitrotoluene	14.37	165	114061	13.99	ng	#	81
51) Acenaphthene	14.86	154	408191	13.48	ng		97
52) 3-Nitroaniline	14.69	138	69376	9.10	ng		90
53) 2,4-Dinitrophenol	14.89	184	69450	13.83	ng	#	85
54) Dibenzofuran	15.19	168	606883	13.84	ng		96
55) 4-Nitrophenol	14.99	139	96964	15.04	ng		91
56) 2,4-Dinitrotoluene	15.15	165	168044	14.88	ng	#	98
57) Fluorene	15.85	166	511226	14.61	ng		91
58) 2,3,4,6-Tetrachlorophenol	15.42	232	174334	14.68	ng	#	98
59) Diethylphthalate	15.61	149	535877	13.90	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	293084	14.07	ng		95
61) 4-Nitroaniline	15.86	138	117414	14.92	ng	#	79
62) Azobenzene	16.13	77	554727	13.28	ng		93
64) 4,6-Dinitro-2-methylphenol	15.91	198	109429	13.40	ng		94
65) n-Nitrosodiphenylamine	16.05	169	474007	13.38	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	205198	12.99	ng		96
67) Hexachlorobenzene	16.85	284	216152	12.94	ng		98
68) Atrazine	17.00	200	218266	14.59	ng		95
69) Pentachlorophenol	17.20	266	145714	12.68	ng		96
70) Phenanthrene	17.60	178	882267	14.21	ng		98
71) Anthracene	17.69	178	898636	14.06	ng		94
72) Carbazole	17.96	167	792172	14.62	ng		96
73) Di-n-butylphthalate	18.51	149	954903	15.14	ng		96
74) Fluoranthene	19.60	202	1125393	15.73	ng		95
76) Benzidine	19.78	184	195138	13.09	ng	#	96
77) Pyrene	19.97	202	1136232	15.24	ng		98
79) Butylbenzylphthalate	20.84	149	437884	13.57	ng		94
80) Benzo(a)anthracene	21.83	228	1191073	15.38	ng		93
81) 3,3'-Dichlorobenzidine	21.74	252	228476	7.14	ng		93
82) Chrysene	21.90	228	1106478	15.20	ng		97
83) Bis(2-ethylhexyl)phthalate	21.72	149	577580	12.71	ng		100
84) Di-n-octyl phthalate	22.98	149	1017414	13.58	ng	#	95
85) Indeno(1,2,3-cd)pyrene	29.04	276	1221495	12.77	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	1197545	13.86	ng		99
88) Benzo(k)fluoranthene	24.21	252	1172814	14.36	ng	#	94
89) Benzo(a)pyrene	25.05	252	1164194	13.82	ng	#	97
90) Dibenzo(a,h)anthracene	29.11	278	998507	12.59	ng	#	96
91) Benzo(g,h,i)perylene	30.26	276	980810	12.15	ng	#	92

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

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