Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022600.D
Acq On : 26 Jun 2016 8:05
Operator : UM/SJ
Sample : H3663-14MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7MSD

Quant Time: Jun 26 08:52:30 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	138500	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	561689	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	397424	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1072909	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1185865	20.00	ng		0.00
86) Perylene-d12	25.21	264	1227680	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	1226919	142.09	ng		0.00
7) Phenol-d6	7.31	99	1808489	148.59	ng		0.01
23) Nitrobenzene-d5	9.34	82	1281538	96.57	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	987959	158.05	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2236731	89.25	ng		0.00
78) Terphenyl-d14	20.16	244	3366091	75.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	133100	38.03	ng		96
3) Pyridine	3.99	79	383007	39.12	ng		95
4) n-Nitrosodimethylamine	3.90	42	226493	40.45	ng		92
6) Aniline	7.48	93	644374	39.93	ng		97
8) 2-Chlorophenol	7.73	128	439604	49.15	ng		98
9) Benzaldehyde	7.30	77	13851	3.23	ng		89
10) Phenol	7.34	94	648101	50.38	ng		90
11) bis(2-Chloroethyl)ether	7.58	93	472656	44.63	ng		94
12) 1,3-Dichlorobenzene	8.05	146	474839	43.63	ng		95
13) 1,4-Dichlorobenzene	8.20	146	460402	42.19	ng		96
14) 1,2-Dichlorobenzene	8.52	146	453125	43.67	ng		96
15) Benzyl Alcohol	8.40	79	564992	50.17	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	523283	44.68	ng		98
17) 2-Methylphenol	8.60	107	430763	50.80	ng		97
18) Hexachloroethane	9.25	117	187247	41.46	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	463132	45.69	ng		97
20) 3+4-Methylphenols	8.93	107	579117	49.58	ng		95
22) Acetophenone	8.99	105	771737	47.53	ng		95
24) Nitrobenzene	9.38	77	682189	46.51	ng		94
25) Isophorone	9.90	82	1196222	46.43	ng		98
26) 2-Nitrophenol	10.09	139	264034	49.97	ng		91
27) 2,4-Dimethylphenol	10.14	122	459101	45.48	ng		96
28) bis(2-Chloroethoxy)methane	10.38	93	676752	48.11	ng		97
29) 2,4-Dichlorophenol	10.63	162	523029	53.18	ng		97
30) 1,2,4-Trichlorobenzene	10.85	180	530430	45.42	ng		96
31) Naphthalene	11.04	128	1298291	45.98	ng		99
32) Benzoic acid	10.22	122	73762	15.10	ng	#	83
33) 4-Chloroaniline	11.15	127	302512	24.87	ng		97
34) Hexachlorobutadiene	11.32	225	402731	44.37	ng		96
35) Caprolactam	11.93	113	176811m	57.07	ng		
36) 4-Chloro-3-methylphenol	12.25	107	642694	53.24	ng		99
37) 2-Methylnaphthalene	12.63	142	1006408	45.96	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	672503	44.82	ng		98
40) Hexachlorocyclopentadiene	12.98	237	895581	74.77	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	494203	51.37	ng		96
43) 2,4,5-Trichlorophenol	13.31	196	517997	51.45	ng		97
45) 1,1'-Biphenyl	13.64	154	1382289	45.66	ng		98
46) 2-Chloronaphthalene	13.68	162	1147223	46.05	ng		97
47) 2-Nitroaniline	13.88	65	500250	52.03	ng		90
48) Acenaphthylene	14.52	152	1690530	46.79	ng		97
49) Dimethylphthalate	14.25	163	1896629	57.53	ng	#	95
50) 2,6-Dinitrotoluene	14.36	165	372149	51.95	ng		90
51) Acenaphthene	14.86	154	1134755	42.63	ng		98
52) 3-Nitroaniline	14.70	138	284651	42.47	ng		99
53) 2,4-Dinitrophenol	14.90	184	324533	73.55	ng		97
54) Dibenzofuran	15.20	168	1776862	46.09	ng		98
55) 4-Nitrophenol	15.00	139	621351	109.62	ng		96
56) 2,4-Dinitrotoluene	15.15	165	544181	54.84	ng		95
57) Fluorene	15.85	166	1451152	47.17	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.42	232	551897	52.88	ng		98
59) Diethylphthalate	15.61	149	1618954	47.77	ng		94
60) 4-Chlorophenyl-phenylether	15.83	204	868952	47.44	ng		96
61) 4-Nitroaniline	15.87	138	379118	54.81	ng		91
62) Azobenzene	16.13	77	1645165	44.82	ng		95
64) 4,6-Dinitro-2-methylphenol	15.92	198	348442	48.42	ng		94
65) n-Nitrosodiphenylamine	16.05	169	1412615	45.24	ng		94
66) 4-Bromophenyl-phenylether	16.73	248	604723	43.45	ng		98
67) Hexachlorobenzene	16.85	284	654027	44.44	ng		99
68) Atrazine	17.00	200	635547	48.21	ng		98
69) Pentachlorophenol	17.20	266	956946	94.48	ng		99
70) Phenanthrene	17.60	178	2354501	43.03	ng		95
71) Anthracene	17.69	178	2392955	42.49	ng		95
72) Carbazole	17.96	167	2208967	46.28	ng		97
73) Di-n-butylphthalate	18.51	149	2481569	44.64	ng		98
74) Fluoranthene	19.61	202	2778380	44.08	ng		94
76) Benzidine	19.78	184	1629287	129.05	ng		97
77) Pyrene	19.96	202	2757915	43.66	ng		92
79) Butylbenzylphthalate	20.84	149	1276898	46.70	ng		96
80) Benzo(a)anthracene	21.83	228	2928187	44.62	ng		95
81) 3,3'-Dichlorobenzidine	21.74	252	784576	28.95	ng		98
82) Chrysene	21.90	228	2791094	45.26	ng	#	91
83) Bis(2-ethylhexyl)phthalate	21.72	149	1729149	44.92	ng		96
84) Di-n-octyl phthalate	22.99	149	2841768	44.78	ng		99
85) Indeno(1,2,3-cd)pyrene	29.07	276	3711073	45.80	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3316664	44.93	ng		95
88) Benzo(k)fluoranthene	24.21	252	3061382	43.87	ng	#	98
89) Benzo(a)pyrene	25.05	252	3155485	43.85	ng	#	96
90) Dibenzo(a,h)anthracene	29.14	278	3097198	45.72	ng	#	93
91) Benzo(g,h,i)perylene	30.28	276	3074075	44.58	ng	#	96

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

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