Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016988.D
Acq On : 9 May 2015 13:26
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: May 11 01:21:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	64719	20.00	ng		-0.02
21) Naphthalene-d8	10.59	136	313281	20.00	ng		-0.01
38) Acenaphthene-d10	14.43	164	203832	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	462030	20.00	ng		-0.02
75) Chrysene-d12	21.35	240	454506	20.00	ng		-0.02
86) Perylene-d12	23.64	264	445715	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	278224	74.85	ng		-0.01
7) Phenol-d6	6.96	99	423515	79.76	ng		0.00
23) Nitrobenzene-d5	8.95	82	502617	78.38	ng		-0.01
41) 2,4,6-Tribromophenol	15.92	330	176726	86.36	ng		-0.01
44) 2-Fluorobiphenyl	13.05	172	1001326	74.13	ng		-0.02
78) Terphenyl-d14	19.80	244	1556548	80.28	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	56283	36.13	ng	#	1
3) Pyridine	3.68	79	173728	36.08	ng		98
4) n-Nitrosodimethylamine	3.59	42	113419	39.45	ng		90
6) Aniline	7.12	93	282706	37.91	ng		99
8) 2-Chlorophenol	7.35	128	170071	39.50	ng		92
9) Benzaldehyde	6.93	77	140345	37.22	ng		95
10) Phenol	6.99	94	228764	40.17	ng		96
11) bis(2-Chloroethyl)ether	7.22	93	166823	37.89	ng		95
12) 1,3-Dichlorobenzene	7.68	146	176064	37.08	ng		94
13) 1,4-Dichlorobenzene	7.82	146	180538	37.54	ng		97
14) 1,2-Dichlorobenzene	8.14	146	175806	38.09	ng		95
15) Benzyl Alcohol	8.03	79	192268	39.64	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.33	45	282008	34.60	ng		100
17) 2-Methylphenol	8.23	107	155587	38.80	ng		96
18) Hexachloroethane	8.87	117	74529	37.70	ng		94
19) n-Nitroso-di-n-propylamine	8.60	70	177983	38.22	ng		98
20) 3+4-Methylphenols	8.56	107	219511	39.72	ng		97
22) Acetophenone	8.61	105	276335	37.03	ng		99
24) Nitrobenzene	8.99	77	247429	38.21	ng		98
25) Isophorone	9.52	82	464230	35.85	ng		99
26) 2-Nitrophenol	9.70	139	110112	41.76	ng		98
27) 2,4-Dimethylphenol	9.76	122	180613	37.85	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	233922	35.79	ng		95
29) 2,4-Dichlorophenol	10.23	162	173712	38.53	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	179739	37.60	ng		99
31) Naphthalene	10.63	128	569776	36.57	ng		99
32) Benzoic acid	9.90	122	129084	45.59	ng		90
33) 4-Chloroaniline	10.74	127	279137	38.79	ng		99
34) Hexachlorobutadiene	10.92	225	107504	35.93	ng		91
35) Caprolactam	11.53	113	91202	38.94	ng		93
36) 4-Chloro-3-methylphenol	11.87	107	233957	40.53	ng		98
37) 2-Methylnaphthalene	12.25	142	438866	36.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	204901	37.19	ng	#	100
40) Hexachlorocyclopentadiene	12.59	237	115839	32.55	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	153130	39.22	ng		93
43) 2,4,5-Trichlorophenol	12.93	196	166045	40.06	ng		98
45) 1,1'-Biphenyl	13.26	154	544373	37.30	ng		99
46) 2-Chloronaphthalene	13.31	162	429037	37.12	ng		98
47) 2-Nitroaniline	13.51	65	184199	45.78	ng		95
48) Acenaphthylene	14.15	152	754800	37.50	ng		99
49) Dimethylphthalate	13.89	163	580602	38.15	ng		98
50) 2,6-Dinitrotoluene	14.01	165	135429	42.86	ng		91
51) Acenaphthene	14.49	154	445399	37.18	ng		99
52) 3-Nitroaniline	14.34	138	157219	43.73	ng		92
53) 2,4-Dinitrophenol	14.54	184	51793	35.83	ng	#	84
54) Dibenzofuran	14.83	168	651509	38.30	ng		95
55) 4-Nitrophenol	14.65	139	123429	40.49	ng		91
56) 2,4-Dinitrotoluene	14.79	165	191235	47.30	ng		97
57) Fluorene	15.47	166	572214	37.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.05	232	144884	40.51	ng	#	77
59) Diethylphthalate	15.26	149	617276	38.42	ng		99
60) 4-Chlorophenyl-phenylether	15.47	204	293343	38.77	ng		97
61) 4-Nitroaniline	15.50	138	178405	42.80	ng		93
62) Azobenzene	15.77	77	640621	38.50	ng		96
64) 4,6-Dinitro-2-methylphenol	15.56	198	94753	41.36	ng		86
65) n-Nitrosodiphenylamine	15.69	169	518796	36.78	ng		94
66) 4-Bromophenyl-phenylether	16.37	248	177145	38.20	ng		97
67) Hexachlorobenzene	16.48	284	186002	38.03	ng		96
68) Atrazine	16.64	200	186639	36.77	ng		98
69) Pentachlorophenol	16.82	266	117458	36.99	ng		95
70) Phenanthrene	17.21	178	882323	37.11	ng		100
71) Anthracene	17.31	178	878266	36.61	ng		99
72) Carbazole	17.58	167	834251	36.58	ng		100
73) Di-n-butylphthalate	18.14	149	1093773	37.00	ng		98
74) Fluoranthene	19.23	202	1017968	36.90	ng		98
76) Benzidine	19.42	184	515731	33.39	ng		99
77) Pyrene	19.59	202	1026383	38.26	ng		100
79) Butylbenzylphthalate	20.49	149	496509	38.94	ng		99
80) Benzo(a)anthracene	21.33	228	947733	38.87	ng		98
81) 3,3'-Dichlorobenzidine	21.27	252	360139	37.83	ng		99
82) Chrysene	21.38	228	902353	39.51	ng		98
83) Bis(2-ethylhexyl)phthalate	21.26	149	660000	37.84	ng		98
84) Di-n-octyl phthalate	22.15	149	1126246	38.44	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.00	276	1082959	39.79	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	938242	37.79	ng		98
88) Benzo(k)fluoranthene	22.99	252	921333	38.57	ng		99
89) Benzo(a)pyrene	23.55	252	880830	38.04	ng		100
90) Dibenzo(a,h)anthracene	26.02	278	911732	38.55	ng		97
91) Benzo(g,h,i)perylene	26.73	276	871784	38.71	ng		99

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

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