Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017135.D
Acq On : 14 May 2015 7:54
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: May 14 09:11:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 06:13:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	52889	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	245920	20.00	ng		0.00
38) Acenaphthene-d10	14.36	164	159245	20.00	ng		0.00
63) Phenanthrene-d10	17.11	188	354643	20.00	ng		0.00
75) Chrysene-d12	21.30	240	347153	20.00	ng		0.00
86) Perylene-d12	23.56	264	335880	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	241500	81.01	ng		0.00
7) Phenol-d6	6.91	99	354260	84.68	ng		0.00
23) Nitrobenzene-d5	8.87	82	433458	82.29	ng		0.00
41) 2,4,6-Tribromophenol	15.86	330	152652	79.30	ng		0.00
44) 2-Fluorobiphenyl	12.98	172	866748	79.87	ng		0.00
78) Terphenyl-d14	19.74	244	1345787	80.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	48817	41.51	ng		94
3) Pyridine	3.57	79	155542	43.71	ng		92
4) n-Nitrosodimethylamine	3.49	42	101833	37.71	ng	#	92
6) Aniline	7.04	93	242093	41.83	ng		99
8) 2-Chlorophenol	7.28	128	145030	40.67	ng		97
9) Benzaldehyde	6.85	77	112462	42.44	ng		89
10) Phenol	6.93	94	185468	41.80	ng		96
11) bis(2-Chloroethyl)ether	7.14	93	146880	44.16	ng		98
12) 1,3-Dichlorobenzene	7.59	146	151779	38.11	ng		100
13) 1,4-Dichlorobenzene	7.74	146	156113	38.83	ng		94
14) 1,2-Dichlorobenzene	8.06	146	148744	38.74	ng		97
15) Benzyl Alcohol	7.95	79	165190	40.64	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	241573	44.79	ng		99
17) 2-Methylphenol	8.18	107	132440	41.17	ng		93
18) Hexachloroethane	8.78	117	64477	38.40	ng		87
19) n-Nitroso-di-n-propylamine	8.52	70	156854	43.04	ng		93
20) 3+4-Methylphenols	8.50	107	185427	41.48	ng		95
22) Acetophenone	8.53	105	244178	40.91	ng	#	96
24) Nitrobenzene	8.91	77	213690	41.46	ng		98
25) Isophorone	9.43	82	402708	41.48	ng		98
26) 2-Nitrophenol	9.62	139	92878	40.31	ng		89
27) 2,4-Dimethylphenol	9.70	122	155039	40.89	ng		99
28) bis(2-Chloroethoxy)methane	9.92	93	198742	42.04	ng	#	98
29) 2,4-Dichlorophenol	10.17	162	145303	40.62	ng		97
30) 1,2,4-Trichlorobenzene	10.37	180	154733	38.13	ng		94
31) Naphthalene	10.55	128	482438	40.09	ng		98
32) Benzoic acid	9.85	122	101007	39.31	ng	#	80
33) 4-Chloroaniline	10.67	127	236080	41.48	ng		94
34) Hexachlorobutadiene	10.84	225	93876	36.53	ng		93
35) Caprolactam	11.44	113	76747	42.67	ng	#	84
36) 4-Chloro-3-methylphenol	11.82	107	190505	42.15	ng		98
37) 2-Methylnaphthalene	12.17	142	375120	39.30	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	179207	39.78	ng		99
40) Hexachlorocyclopentadiene	12.52	237	105508	38.39	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.79	196	133770	41.86	ng		98
43) 2,4,5-Trichlorophenol	12.88	196	137300	41.70	ng		96
45) 1,1'-Biphenyl	13.19	154	460962	40.19	ng		98
46) 2-Chloronaphthalene	13.23	162	372268	40.99	ng		96
47) 2-Nitroaniline	13.45	65	155095	43.90	ng		92
48) Acenaphthylene	14.09	152	644351	41.43	ng		99
49) Dimethylphthalate	13.83	163	500819	40.22	ng		99
50) 2,6-Dinitrotoluene	13.95	165	114878	41.63	ng		97
51) Acenaphthene	14.43	154	375507	40.87	ng		99
52) 3-Nitroaniline	14.28	138	131593	42.99	ng		98
53) 2,4-Dinitrophenol	14.48	184	63167	39.43	ng		92
54) Dibenzofuran	14.76	168	551971	40.41	ng		99
55) 4-Nitrophenol	14.63	139	106415	43.17	ng		91
56) 2,4-Dinitrotoluene	14.73	165	163740	42.54	ng		96
57) Fluorene	15.41	166	494003	40.86	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.00	232	124073	41.06	ng		99
59) Diethylphthalate	15.20	149	528971	39.55	ng		98
60) 4-Chlorophenyl-phenylether	15.41	204	249282	40.15	ng		99
61) 4-Nitroaniline	15.44	138	150311	44.01	ng		94
62) Azobenzene	15.70	77	541885	42.41	ng		95
64) 4,6-Dinitro-2-methylphenol	15.50	198	96001	39.50	ng		92
65) n-Nitrosodiphenylamine	15.63	169	444283	40.81	ng		96
66) 4-Bromophenyl-phenylether	16.30	248	147185	38.05	ng		92
67) Hexachlorobenzene	16.41	284	161748	39.63	ng		99
68) Atrazine	16.58	200	158106	39.70	ng		96
69) Pentachlorophenol	16.77	266	100894	39.60	ng		95
70) Phenanthrene	17.15	178	754204	41.24	ng		99
71) Anthracene	17.24	178	751640	40.55	ng		99
72) Carbazole	17.52	167	710883	41.74	ng		97
73) Di-n-butylphthalate	18.08	149	944432	41.45	ng		99
74) Fluoranthene	19.17	202	873127	39.76	ng		97
76) Benzidine	19.36	184	446778	39.42	ng		96
77) Pyrene	19.54	202	883882	41.50	ng		99
79) Butylbenzylphthalate	20.44	149	407406	42.07	ng		98
80) Benzo(a)anthracene	21.28	228	813019	40.87	ng		99
81) 3,3'-Dichlorobenzidine	21.22	252	306555	39.82	ng		98
82) Chrysene	21.33	228	749086	40.43	ng		99
83) Bis(2-ethylhexyl)phthalate	21.21	149	566651	41.17	ng		100
84) Di-n-octyl phthalate	22.09	149	949613	41.44	ng		99
85) Indeno(1,2,3-cd)pyrene	25.88	276	892666	40.26	ng		96
87) Benzo(b)fluoranthene	22.88	252	795248	40.62	ng	#	97
88) Benzo(k)fluoranthene	22.92	252	762052	40.99	ng		98
89) Benzo(a)pyrene	23.46	252	745693	41.47	ng		98
90) Dibenzo(a,h)anthracene	25.89	278	760789	41.22	ng	#	97
91) Benzo(g,h,i)perylene	26.59	276	706973	40.69	ng	#	95

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

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