Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020008.D
Acq On : 8 Dec 2015 8:36
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 09 03:54:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20148	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	86291	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	58566	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	143022	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	175403	20.00	ng		-0.03
86) Perylene-d12	25.04	264	163658	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	95305	85.49	ng		-0.01
7) Phenol-d6	7.26	99	142692	84.78	ng		-0.01
23) Nitrobenzene-d5	9.28	82	147210	87.07	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	70973	79.20	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	353525	82.42	ng		-0.02
78) Terphenyl-d14	20.09	244	578734	80.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	17767	40.91	ng	#	100
3) Pyridine	3.93	79	55435	42.03	ng	#	85
4) n-Nitrosodimethylamine	3.84	42	25809	37.21	ng		92
6) Aniline	7.43	93	89778	41.19	ng	#	83
8) 2-Chlorophenol	7.67	128	56864	41.83	ng		94
9) Benzaldehyde	7.24	77	40872	36.41	ng		94
10) Phenol	7.29	94	76102	42.96	ng		82
11) bis(2-Chloroethyl)ether	7.53	93	54514	41.55	ng		90
12) 1,3-Dichlorobenzene	8.00	146	62133	40.33	ng	#	93
13) 1,4-Dichlorobenzene	8.15	146	64578	40.58	ng	#	93
14) 1,2-Dichlorobenzene	8.47	146	60800	40.06	ng		95
15) Benzyl Alcohol	8.35	79	56662	38.36	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.64	45	86632	40.49	ng		93
17) 2-Methylphenol	8.55	107	52405	41.91	ng	#	94
18) Hexachloroethane	9.21	117	23572	39.56	ng		92
19) n-Nitroso-di-n-propylamine	8.92	70	50870	38.32	ng		92
20) 3+4-Methylphenols	8.88	107	72237	41.02	ng		90
22) Acetophenone	8.94	105	97391	41.17	ng	#	94
24) Nitrobenzene	9.32	77	79887	43.56	ng		94
25) Isophorone	9.85	82	142995	39.45	ng		94
26) 2-Nitrophenol	10.03	139	34977	49.38	ng	#	73
27) 2,4-Dimethylphenol	10.09	122	59909	40.61	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	73430	41.46	ng		98
29) 2,4-Dichlorophenol	10.57	162	63384	42.06	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	70101	41.16	ng		94
31) Naphthalene	10.98	128	192173	41.57	ng		100
32) Benzoic acid	10.22	122	50877	50.78	ng		91
33) 4-Chloroaniline	11.09	127	83355	40.92	ng		96
34) Hexachlorobutadiene	11.26	225	49427	39.35	ng		98
35) Caprolactam	11.86	113	21969	39.16	ng	#	78
36) 4-Chloro-3-methylphenol	12.20	107	74965	39.94	ng		95
37) 2-Methylnaphthalene	12.58	142	135605	40.03	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	92470	41.61	ng		98
40) Hexachlorocyclopentadiene	12.93	237	47846	37.76	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	61699	41.93	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	64862	41.71	ng		97
45) 1,1'-Biphenyl	13.58	154	197340	41.06	ng		100
46) 2-Chloronaphthalene	13.62	162	153607	41.46	ng		95
47) 2-Nitroaniline	13.82	65	52956	45.26	ng		85
48) Acenaphthylene	14.47	152	257304	40.77	ng		99
49) Dimethylphthalate	14.19	163	204492	38.82	ng		98
50) 2,6-Dinitrotoluene	14.31	165	43717	44.14	ng	#	81
51) Acenaphthene	14.81	154	157303	41.08	ng		99
52) 3-Nitroaniline	14.64	138	45289	44.01	ng		99
53) 2,4-Dinitrophenol	14.85	184	17822	39.16	ng		93
54) Dibenzofuran	15.14	168	228438	40.10	ng		93
55) 4-Nitrophenol	14.94	139	36466	40.69	ng	#	74
56) 2,4-Dinitrotoluene	15.10	165	64093	46.38	ng	#	94
57) Fluorene	15.79	166	198428	38.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	58992	40.99	ng		97
59) Diethylphthalate	15.55	149	211526	37.10	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	111541	38.10	ng		97
61) 4-Nitroaniline	15.80	138	48060	41.52	ng	#	76
62) Azobenzene	16.07	77	182318	38.43	ng		95
64) 4,6-Dinitro-2-methylphenol	15.86	198	35143	44.28	ng		92
65) n-Nitrosodiphenylamine	15.99	169	174118	42.07	ng		95
66) 4-Bromophenyl-phenylether	16.67	248	72737	40.93	ng		96
67) Hexachlorobenzene	16.79	284	77341	41.78	ng		99
68) Atrazine	16.93	200	70999	39.48	ng		98
69) Pentachlorophenol	17.13	266	50066	46.33	ng		96
70) Phenanthrene	17.53	178	332934	41.14	ng		98
71) Anthracene	17.62	178	342326	41.53	ng		96
72) Carbazole	17.88	167	297251	40.94	ng		96
73) Di-n-butylphthalate	18.44	149	365703	41.09	ng		98
74) Fluoranthene	19.53	202	427988	41.35	ng		94
76) Benzidine	19.71	184	216961	37.66	ng		97
77) Pyrene	19.89	202	429404	41.61	ng		95
79) Butylbenzylphthalate	20.77	149	171108	42.30	ng		99
80) Benzo(a)anthracene	21.74	228	435610	40.57	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	157374	38.49	ng		99
82) Chrysene	21.81	228	414094	40.62	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	248586	41.88	ng		96
84) Di-n-octyl phthalate	22.87	149	425134	44.05	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.79	276	478817	42.64	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	415613	40.07	ng	#	96
88) Benzo(k)fluoranthene	24.07	252	411098	40.02	ng	#	95
89) Benzo(a)pyrene	24.89	252	404759	41.10	ng	#	95
90) Dibenzo(a,h)anthracene	28.86	278	397186	40.82	ng	#	94
91) Benzo(g,h,i)perylene	29.97	276	390522	40.88	ng	#	92

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

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