Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023020.D
Acq On : 12 Jul 2016 3:58
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 12 04:31:49 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	95874	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	476838	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	373907	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	832894	20.00	ng		0.00
75) Chrysene-d12	21.87	240	881937	20.00	ng		0.03
86) Perylene-d12	25.26	264	897268	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	463603	79.09	ng		0.00
7) Phenol-d6	7.31	99	789113	85.95	ng		0.00
23) Nitrobenzene-d5	9.33	82	893390	80.23	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	445639	66.32	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1894351	79.80	ng		0.00
78) Terphenyl-d14	20.16	244	2490735	92.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	87998	38.62	ng	#	94
3) Pyridine	3.97	79	297239	38.12	ng		96
4) n-Nitrosodimethylamine	3.88	42	132093	39.49	ng		94
6) Aniline	7.47	93	513140	40.33	ng		97
8) 2-Chlorophenol	7.71	128	262462	42.07	ng		98
9) Benzaldehyde	7.29	77	242991	39.61	ng		94
10) Phenol	7.33	94	399410	42.28	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	293983	39.26	ng		90
12) 1,3-Dichlorobenzene	8.04	146	304271	39.85	ng		95
13) 1,4-Dichlorobenzene	8.19	146	311221	40.71	ng		97
14) 1,2-Dichlorobenzene	8.51	146	303953	39.99	ng		91
15) Benzyl Alcohol	8.39	79	368782	43.85	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	379986	41.55	ng		95
17) 2-Methylphenol	8.60	107	258734	42.07	ng		98
18) Hexachloroethane	9.24	117	126209	39.11	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	338765	40.93	ng		97
20) 3+4-Methylphenols	8.92	107	378141	44.09	ng		91
22) Acetophenone	8.98	105	565499	39.52	ng	#	94
24) Nitrobenzene	9.37	77	465525	39.34	ng		94
25) Isophorone	9.89	82	850409	37.97	ng		97
26) 2-Nitrophenol	10.09	139	185999	40.06	ng		87
27) 2,4-Dimethylphenol	10.14	122	317479	39.55	ng		89
28) bis(2-Chloroethoxy)methane	10.38	93	487718	39.04	ng		99
29) 2,4-Dichlorophenol	10.63	162	347697	40.62	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	390904	39.85	ng		99
31) Naphthalene	11.03	128	992722	40.90	ng		99
32) Benzoic acid	10.28	122	273897	37.51	ng		92
33) 4-Chloroaniline	11.14	127	469718	39.57	ng		98
34) Hexachlorobutadiene	11.31	225	301280	37.89	ng		94
35) Caprolactam	11.92	113	124057	35.22	ng		92
36) 4-Chloro-3-methylphenol	12.26	107	477085	40.75	ng		98
37) 2-Methylnaphthalene	12.63	142	788546	41.10	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	635513	39.44	ng		98
40) Hexachlorocyclopentadiene	12.97	237	396785	42.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	363889	39.29	ng		94
43) 2,4,5-Trichlorophenol	13.31	196	368472	38.74	ng		93
45) 1,1'-Biphenyl	13.63	154	1145377	40.83	ng		96
46) 2-Chloronaphthalene	13.68	162	917534	40.32	ng		95
47) 2-Nitroaniline	13.88	65	388186	39.98	ng		93
48) Acenaphthylene	14.52	152	1344200	39.37	ng		98
49) Dimethylphthalate	14.25	163	1132822	37.09	ng		99
50) 2,6-Dinitrotoluene	14.37	165	252394	36.77	ng		87
51) Acenaphthene	14.86	154	878504	39.38	ng		97
52) 3-Nitroaniline	14.71	138	259105	37.86	ng		93
53) 2,4-Dinitrophenol	14.91	184	221218	46.97	ng		97
54) Dibenzofuran	15.20	168	1272531	38.11	ng		99
55) 4-Nitrophenol	15.02	139	194074	33.83	ng		93
56) 2,4-Dinitrotoluene	15.16	165	364884	36.46	ng		91
57) Fluorene	15.85	166	1073789	37.36	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.43	232	328208	34.49	ng		96
59) Diethylphthalate	15.61	149	1133958	36.49	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	636064	36.34	ng		97
61) 4-Nitroaniline	15.88	138	260297	35.15	ng	#	86
62) Azobenzene	16.13	77	1150591	38.71	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	218335	35.27	ng		96
65) n-Nitrosodiphenylamine	16.06	169	1009087	42.05	ng		95
66) 4-Bromophenyl-phenylether	16.74	248	424170	39.14	ng		96
67) Hexachlorobenzene	16.86	284	461015	39.13	ng		95
68) Atrazine	17.00	200	413346	38.83	ng		97
69) Pentachlorophenol	17.21	266	263486	34.53	ng		95
70) Phenanthrene	17.60	178	1646807	40.35	ng		98
71) Anthracene	17.70	178	1696469	41.04	ng		99
72) Carbazole	17.97	167	1426930	39.95	ng		99
73) Di-n-butylphthalate	18.51	149	1687800	42.50	ng		98
74) Fluoranthene	19.61	202	1937924	38.69	ng		97
76) Benzidine	19.79	184	1128318	44.63	ng		100
77) Pyrene	19.98	202	2004480	40.45	ng		98
79) Butylbenzylphthalate	20.85	149	817309	41.63	ng		97
80) Benzo(a)anthracene	21.85	228	1985586	40.24	ng		98
81) 3,3'-Dichlorobenzidine	21.76	252	853210	39.39	ng	#	96
82) Chrysene	21.92	228	1883036	40.68	ng		98
83) Bis(2-ethylhexyl)phthalate	21.73	149	1141453	41.88	ng		99
84) Di-n-octyl phthalate	23.00	149	1924020	42.32	ng		98
85) Indeno(1,2,3-cd)pyrene	29.14	276	2152932	36.48	ng	#	100
87) Benzo(b)fluoranthene	24.18	252	2070759	40.00	ng		99
88) Benzo(k)fluoranthene	24.25	252	1976763	40.24	ng	#	99
89) Benzo(a)pyrene	25.10	252	1982267	39.95	ng	#	99
90) Dibenzo(a,h)anthracene	29.21	278	1897513	38.53	ng	#	95
91) Benzo(g,h,i)perylene	30.36	276	1849065	37.49	ng	#	97

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

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