Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024609.D
Acq On : 2 Nov 2016 2:15
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 02 03:23:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	227687	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	910603	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	680629	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	1428600	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1915906	20.00	ng		0.00
86) Perylene-d12	25.35	264	2088153	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	1053233	75.82	ng		0.00
7) Phenol-d6	7.41	99	1522545	79.90	ng		0.00
23) Nitrobenzene-d5	9.45	82	1598035	79.90	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	827243	81.36	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	3050011	74.48	ng		0.00
78) Terphenyl-d14	20.21	244	4113313	64.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	229684	40.47	ng		87
3) Pyridine	4.08	79	656362	38.62	ng		84
4) n-Nitrosodimethylamine	4.00	42	337012	38.31	ng	#	79
6) Aniline	7.59	93	975505	40.41	ng		97
8) 2-Chlorophenol	7.83	128	575476	40.74	ng		93
9) Benzaldehyde	7.40	77	465143	39.50	ng		98
10) Phenol	7.44	94	790548	40.24	ng		94
11) bis(2-Chloroethyl)ether	7.68	93	591569	40.09	ng		94
12) 1,3-Dichlorobenzene	8.15	146	689073	39.41	ng		96
13) 1,4-Dichlorobenzene	8.31	146	701026	40.59	ng		99
14) 1,2-Dichlorobenzene	8.63	146	653651	39.37	ng		96
15) Benzyl Alcohol	8.51	79	713719	40.26	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	1060208	38.72	ng		94
17) 2-Methylphenol	8.70	107	531092	40.80	ng		97
18) Hexachloroethane	9.36	117	273113	41.14	ng		97
19) n-Nitroso-di-n-propylamine	9.08	70	561986	40.02	ng		93
20) 3+4-Methylphenols	9.03	107	714353	40.88	ng		99
22) Acetophenone	9.10	105	932801	39.88	ng		93
24) Nitrobenzene	9.49	77	893139	40.14	ng		96
25) Isophorone	10.01	82	1422818	38.25	ng		98
26) 2-Nitrophenol	10.20	139	359581	43.54	ng		94
27) 2,4-Dimethylphenol	10.24	122	596576	41.26	ng		95
28) bis(2-Chloroethoxy)methane	10.49	93	757362	39.35	ng		98
29) 2,4-Dichlorophenol	10.73	162	633874	41.77	ng		93
30) 1,2,4-Trichlorobenzene	10.95	180	741405	41.19	ng		100
31) Naphthalene	11.15	128	1773200	39.04	ng		98
32) Benzoic acid	10.40	122	389278	32.33	ng	#	85
33) 4-Chloroaniline	11.25	127	791017	40.11	ng		95
34) Hexachlorobutadiene	11.42	225	581837	41.30	ng		96
35) Caprolactam	12.04	113	204367	36.79	ng		97
36) 4-Chloro-3-methylphenol	12.34	107	719201	39.26	ng		94
37) 2-Methylnaphthalene	12.73	142	1322641	39.91	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	936223	40.78	ng		99
40) Hexachlorocyclopentadiene	13.06	237	662944	51.28	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	584200	42.34	ng		98
43) 2,4,5-Trichlorophenol	13.40	196	604005	40.49	ng		96
45) 1,1'-Biphenyl	13.72	154	1829028	38.73	ng		99
46) 2-Chloronaphthalene	13.77	162	1426511	39.66	ng		99
47) 2-Nitroaniline	13.98	65	590483	40.10	ng		94
48) Acenaphthylene	14.61	152	2079884	37.71	ng		98
49) Dimethylphthalate	14.33	163	1811089	37.48	ng	#	99
50) 2,6-Dinitrotoluene	14.46	165	422280	40.94	ng		90
51) Acenaphthene	14.95	154	1458449	35.47	ng		99
52) 3-Nitroaniline	14.79	138	426002	39.91	ng		97
53) 2,4-Dinitrophenol	14.99	184	314484	42.07	ng		87
54) Dibenzofuran	15.28	168	2115630	37.22	ng		98
55) 4-Nitrophenol	15.08	139	347985	37.42	ng	#	84
56) 2,4-Dinitrotoluene	15.24	165	613214	40.91	ng	#	98
57) Fluorene	15.93	166	1772487	37.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	606536	39.21	ng		93
59) Diethylphthalate	15.68	149	1844110	36.40	ng		97
60) 4-Chlorophenyl-phenylether	15.91	204	1028243	38.88	ng		98
61) 4-Nitroaniline	15.96	138	463077	39.71	ng		91
62) Azobenzene	16.20	77	1795931	35.55	ng		96
64) 4,6-Dinitro-2-methylphenol	16.00	198	423148	42.99	ng		98
65) n-Nitrosodiphenylamine	16.13	169	1590667	40.73	ng		100
66) 4-Bromophenyl-phenylether	16.81	248	722852	41.68	ng		95
67) Hexachlorobenzene	16.93	284	825634	43.09	ng	#	89
68) Atrazine	17.06	200	637686	38.07	ng		96
69) Pentachlorophenol	17.27	266	488136	38.60	ng		98
70) Phenanthrene	17.67	178	2737045	37.59	ng		98
71) Anthracene	17.76	178	2783461	37.89	ng		95
72) Carbazole	18.03	167	2530044	37.76	ng		96
73) Di-n-butylphthalate	18.55	149	2819797	36.50	ng		98
74) Fluoranthene	19.66	202	3335959	36.24	ng		95
76) Benzidine	19.84	184	1968994	43.62	ng		100
77) Pyrene	20.02	202	3395018	36.25	ng	#	88
79) Butylbenzylphthalate	20.89	149	1519656	38.92	ng		98
80) Benzo(a)anthracene	21.90	228	3868206	36.75	ng	#	90
81) 3,3'-Dichlorobenzidine	21.81	252	1684620	39.67	ng		96
82) Chrysene	21.97	228	3706876	36.98	ng		91
83) Bis(2-ethylhexyl)phthalate	21.76	149	2122528	38.00	ng	#	95
84) Di-n-octyl phthalate	23.04	149	3519682	37.97	ng		95
85) Indeno(1,2,3-cd)pyrene	29.31	276	5502641	39.77	ng	#	98
87) Benzo(b)fluoranthene	24.26	252	4331063	38.37	ng		94
88) Benzo(k)fluoranthene	24.33	252	4050133	37.16	ng		98
89) Benzo(a)pyrene	25.20	252	4205617	38.13	ng		96
90) Dibenzo(a,h)anthracene	29.37	278	4631179	38.26	ng		96
91) Benzo(g,h,i)perylene	30.56	276	4585583	37.92	ng		97

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

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