Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024018.D
Acq On : 17 Sep 2016 6:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 17 07:26:59 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	46963	20.00	ng		-0.05
21) Naphthalene-d8	10.89	136	228869	20.00	ng		-0.05
38) Acenaphthene-d10	14.73	164	183204	20.00	ng		-0.04
63) Phenanthrene-d10	17.49	188	484238	20.00	ng		-0.04
75) Chrysene-d12	21.80	240	489253	20.00	ng		-0.04
86) Perylene-d12	25.14	264	509032	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	213224	79.71	ng		-0.04
7) Phenol-d6	7.22	99	346525	84.16	ng		-0.05
23) Nitrobenzene-d5	9.24	82	446148	87.03	ng		-0.05
41) 2,4,6-Tribromophenol	16.23	330	254877	77.22	ng		-0.04
44) 2-Fluorobiphenyl	13.34	172	981213	76.79	ng		-0.04
78) Terphenyl-d14	20.10	244	1596743	74.33	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	44699	40.52	ng		98
3) Pyridine	3.87	79	143527	43.29	ng		96
4) n-Nitrosodimethylamine	3.79	42	78931	45.16	ng	#	84
6) Aniline	7.38	93	229536	42.00	ng		93
8) 2-Chlorophenol	7.62	128	120880	39.01	ng		98
9) Benzaldehyde	7.19	77	115291	39.41	ng		90
10) Phenol	7.25	94	176877	40.83	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	138915	40.76	ng		91
12) 1,3-Dichlorobenzene	7.94	146	140239	38.67	ng		100
13) 1,4-Dichlorobenzene	8.09	146	140852	36.66	ng		95
14) 1,2-Dichlorobenzene	8.41	146	141369	39.20	ng		94
15) Benzyl Alcohol	8.30	79	164838	45.41	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	185971	40.71	ng		93
17) 2-Methylphenol	8.51	107	117116	40.13	ng		98
18) Hexachloroethane	9.14	117	61391	41.49	ng		92
19) n-Nitroso-di-n-propylamine	8.87	70	160270	44.06	ng		96
20) 3+4-Methylphenols	8.85	107	179906	44.23	ng		95
22) Acetophenone	8.89	105	246861	41.66	ng	#	99
24) Nitrobenzene	9.28	77	241984	43.90	ng		98
25) Isophorone	9.80	82	428541	43.11	ng		97
26) 2-Nitrophenol	9.99	139	88223	42.10	ng		93
27) 2,4-Dimethylphenol	10.05	122	146779	41.21	ng		95
28) bis(2-Chloroethoxy)methane	10.28	93	216100	43.05	ng		97
29) 2,4-Dichlorophenol	10.55	162	163130	43.23	ng		94
30) 1,2,4-Trichlorobenzene	10.75	180	161906	39.12	ng		93
31) Naphthalene	10.93	128	458617	38.89	ng		100
32) Benzoic acid	10.24	122	112232	38.80	ng		98
33) 4-Chloroaniline	11.06	127	208094	42.26	ng		94
34) Hexachlorobutadiene	11.21	225	131208	42.21	ng		97
35) Caprolactam	11.85	113	59103	44.44	ng	#	86
36) 4-Chloro-3-methylphenol	12.19	107	224431	44.51	ng		99
37) 2-Methylnaphthalene	12.54	142	362355	40.39	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	243858	40.10	ng		99
40) Hexachlorocyclopentadiene	12.88	237	108506	34.07	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	164818	40.62	ng		95
43) 2,4,5-Trichlorophenol	13.25	196	167178	40.75	ng		92
45) 1,1'-Biphenyl	13.55	154	568845	38.60	ng		98
46) 2-Chloronaphthalene	13.60	162	421292	38.94	ng		97
47) 2-Nitroaniline	13.82	65	195709	45.93	ng		95
48) Acenaphthylene	14.45	152	716957	39.76	ng		99
49) Dimethylphthalate	14.18	163	629846	40.09	ng		96
50) 2,6-Dinitrotoluene	14.31	165	135986	41.01	ng		95
51) Acenaphthene	14.79	154	440818	39.54	ng		99
52) 3-Nitroaniline	14.65	138	128718	41.50	ng		98
53) 2,4-Dinitrophenol	14.87	184	74837	34.87	ng	#	86
54) Dibenzofuran	15.13	168	682296	39.21	ng		98
55) 4-Nitrophenol	14.99	139	88595	35.90	ng		92
56) 2,4-Dinitrotoluene	15.11	165	200485	41.13	ng	#	85
57) Fluorene	15.78	166	593063	39.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	168280	40.41	ng		93
59) Diethylphthalate	15.54	149	658983	39.29	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	319553	39.34	ng		99
61) 4-Nitroaniline	15.83	138	128780	41.07	ng		95
62) Azobenzene	16.06	77	699941	43.09	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	133042	39.57	ng		94
65) n-Nitrosodiphenylamine	15.99	169	547656	39.82	ng		95
66) 4-Bromophenyl-phenylether	16.67	248	238957	40.56	ng		93
67) Hexachlorobenzene	16.79	284	266907	38.63	ng		96
68) Atrazine	16.94	200	240123	40.58	ng		99
69) Pentachlorophenol	17.15	266	127639	34.78	ng		97
70) Phenanthrene	17.54	178	1003723	39.84	ng		97
71) Anthracene	17.63	178	1005592	39.13	ng		97
72) Carbazole	17.91	167	878387	37.67	ng		97
73) Di-n-butylphthalate	18.44	149	1071096	38.50	ng		96
74) Fluoranthene	19.55	202	1115872	36.79	ng		94
76) Benzidine	19.73	184	531078	35.05	ng		98
77) Pyrene	19.92	202	1129566	37.54	ng		94
79) Butylbenzylphthalate	20.79	149	457269	39.42	ng		100
80) Benzo(a)anthracene	21.78	228	1117012	40.79	ng		93
81) 3,3'-Dichlorobenzidine	21.70	252	457107	41.76	ng	#	99
82) Chrysene	21.85	228	1067123	40.93	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	658030	41.43	ng		95
84) Di-n-octyl phthalate	22.90	149	1156446	44.40	ng		99
85) Indeno(1,2,3-cd)pyrene	28.97	276	1377140	47.71	ng	#	100
87) Benzo(b)fluoranthene	24.08	252	1195885m	41.36	ng		
88) Benzo(k)fluoranthene	24.15	252	1174137	40.95	ng	#	98
89) Benzo(a)pyrene	24.99	252	1143370	41.64	ng	#	97
90) Dibenzo(a,h)anthracene	29.03	278	1132309	41.93	ng	#	95
91) Benzo(g,h,i)perylene	30.17	276	1127029	43.40	ng	#	93

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

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