Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022916.D
Acq On : 8 Jul 2016 4:43
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 08 05:54:10 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

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	118080	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	551274	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	406292	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	971477	20.00	ng		0.00
75) Chrysene-d12	21.84	240	1037232	20.00	ng		0.00
86) Perylene-d12	25.19	264	1087681	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	568459	78.74	ng		0.00
7) Phenol-d6	7.31	99	904008	79.94	ng		0.00
23) Nitrobenzene-d5	9.33	82	1013585	78.73	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	543748	74.47	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2080988	80.68	ng		0.00
78) Terphenyl-d14	20.15	244	2841075	88.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	100127	35.68	ng	#	94
3) Pyridine	3.98	79	368928	38.42	ng		93
4) n-Nitrosodimethylamine	3.88	42	160909	39.06	ng	#	98
6) Aniline	7.47	93	624473	39.85	ng		96
8) 2-Chlorophenol	7.71	128	306800	39.93	ng		97
9) Benzaldehyde	7.29	77	297204	39.33	ng		95
10) Phenol	7.34	94	468028	40.23	ng		89
11) bis(2-Chloroethyl)ether	7.57	93	358679	38.89	ng		99
12) 1,3-Dichlorobenzene	8.04	146	372270	39.58	ng		97
13) 1,4-Dichlorobenzene	8.19	146	378080	40.16	ng		98
14) 1,2-Dichlorobenzene	8.51	146	355821	38.01	ng		98
15) Benzyl Alcohol	8.39	79	412066	39.79	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	434357	38.56	ng		93
17) 2-Methylphenol	8.60	107	306437	40.46	ng		93
18) Hexachloroethane	9.25	117	151059	38.01	ng	#	84
19) n-Nitroso-di-n-propylamine	8.96	70	392581	38.51	ng		91
20) 3+4-Methylphenols	8.92	107	439650	41.62	ng		97
22) Acetophenone	8.98	105	643630	38.90	ng	#	93
24) Nitrobenzene	9.37	77	539879	39.46	ng		93
25) Isophorone	9.89	82	989910	38.23	ng		98
26) 2-Nitrophenol	10.09	139	216665	40.36	ng		90
27) 2,4-Dimethylphenol	10.14	122	360353	38.83	ng		89
28) bis(2-Chloroethoxy)methane	10.37	93	557765	38.62	ng		100
29) 2,4-Dichlorophenol	10.63	162	400345	40.45	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	446353	39.36	ng		97
31) Naphthalene	11.03	128	1105678	39.40	ng		99
32) Benzoic acid	10.29	122	320437	37.96	ng		95
33) 4-Chloroaniline	11.14	127	534159	38.92	ng		94
34) Hexachlorobutadiene	11.31	225	359257	39.08	ng		96
35) Caprolactam	11.92	113	145006	35.61	ng		97
36) 4-Chloro-3-methylphenol	12.26	107	520381	38.44	ng		97
37) 2-Methylnaphthalene	12.63	142	857825	38.68	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	728595	41.61	ng		98
40) Hexachlorocyclopentadiene	12.97	237	414039	41.08	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	405771	40.32	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	411578	39.83	ng		96
45) 1,1'-Biphenyl	13.63	154	1245691	40.86	ng		97
46) 2-Chloronaphthalene	13.68	162	991872	40.11	ng		97
47) 2-Nitroaniline	13.88	65	412883	39.13	ng		95
48) Acenaphthylene	14.52	152	1477904	39.84	ng		98
49) Dimethylphthalate	14.25	163	1265646	38.14	ng		98
50) 2,6-Dinitrotoluene	14.37	165	290628	38.96	ng	#	82
51) Acenaphthene	14.86	154	1101197m	45.43	ng		
52) 3-Nitroaniline	14.71	138	286272	38.49	ng		93
53) 2,4-Dinitrophenol	14.91	184	180992	35.36	ng		95
54) Dibenzofuran	15.20	168	1418678	39.10	ng		98
55) 4-Nitrophenol	15.01	139	234390	37.60	ng		94
56) 2,4-Dinitrotoluene	15.16	165	406521	37.39	ng		93
57) Fluorene	15.85	166	1212094	38.81	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	395959	38.30	ng	#	98
59) Diethylphthalate	15.60	149	1261996	37.37	ng		95
60) 4-Chlorophenyl-phenylether	15.83	204	733002	38.54	ng		96
61) 4-Nitroaniline	15.88	138	303240	37.68	ng	#	83
62) Azobenzene	16.13	77	1252119	38.77	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	284202	39.36	ng		95
65) n-Nitrosodiphenylamine	16.05	169	1138281	40.67	ng		96
66) 4-Bromophenyl-phenylether	16.73	248	505906	40.03	ng		96
67) Hexachlorobenzene	16.86	284	557312	40.55	ng		98
68) Atrazine	17.00	200	485851	39.13	ng		99
69) Pentachlorophenol	17.20	266	342796	38.52	ng		99
70) Phenanthrene	17.60	178	1896161	39.83	ng		99
71) Anthracene	17.69	178	1927104	39.97	ng		98
72) Carbazole	17.96	167	1652006	39.66	ng		100
73) Di-n-butylphthalate	18.50	149	1938930	41.85	ng		99
74) Fluoranthene	19.61	202	2223372	38.05	ng		99
76) Benzidine	19.78	184	1026024	34.50	ng		97
77) Pyrene	19.96	202	2290218	39.29	ng		98
79) Butylbenzylphthalate	20.83	149	933454	40.43	ng		94
80) Benzo(a)anthracene	21.83	228	2341613	40.35	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	1020681	40.07	ng		95
82) Chrysene	21.89	228	2226042	40.89	ng		97
83) Bis(2-ethylhexyl)phthalate	21.70	149	1282716	40.01	ng		98
84) Di-n-octyl phthalate	22.95	149	2149203	40.20	ng		99
85) Indeno(1,2,3-cd)pyrene	29.03	276	2705470	38.98	ng	#	100
87) Benzo(b)fluoranthene	24.12	252	2491779	39.71	ng		100
88) Benzo(k)fluoranthene	24.19	252	2406605	40.41	ng	#	97
89) Benzo(a)pyrene	25.03	252	2388286	39.70	ng		99
90) Dibenzo(a,h)anthracene	29.09	278	2367323	39.65	ng	#	92
91) Benzo(g,h,i)perylene	30.23	276	2382425	39.85	ng		99

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

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