Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024105.D
Acq On : 24 Sep 2016 2:26
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 24 05:11:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	59086	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	261574	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	209962	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	440951	20.00	ng		0.00
75) Chrysene-d12	21.79	240	433607	20.00	ng		0.00
86) Perylene-d12	25.12	264	432499	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	290705	85.24	ng		0.00
7) Phenol-d6	7.21	99	435959	75.97	ng		0.00
23) Nitrobenzene-d5	9.22	82	541686	81.62	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	223123	73.93	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	1039011	83.18	ng		0.00
78) Terphenyl-d14	20.09	244	1400016	66.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	55866	42.80	ng		94
3) Pyridine	3.85	79	194652	42.19	ng		99
4) n-Nitrosodimethylamine	3.77	42	89845	38.42	ng	#	94
6) Aniline	7.37	93	301639	37.42	ng		97
8) 2-Chlorophenol	7.61	128	158938	38.93	ng		94
9) Benzaldehyde	7.18	77	127932	40.94	ng		95
10) Phenol	7.24	94	230839	38.26	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	183585	38.59	ng		85
12) 1,3-Dichlorobenzene	7.92	146	178951	39.31	ng		95
13) 1,4-Dichlorobenzene	8.08	146	186902	40.22	ng		98
14) 1,2-Dichlorobenzene	8.40	146	176361	39.00	ng		91
15) Benzyl Alcohol	8.29	79	197742	35.60	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	251126	38.23	ng		92
17) 2-Methylphenol	8.50	107	150284	37.47	ng		97
18) Hexachloroethane	9.12	117	77454	39.57	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	195665	34.71	ng		96
20) 3+4-Methylphenols	8.83	107	213022	36.57	ng		99
22) Acetophenone	8.88	105	310872	41.20	ng	#	98
24) Nitrobenzene	9.26	77	295055	41.47	ng	#	97
25) Isophorone	9.79	82	529584	39.12	ng		97
26) 2-Nitrophenol	9.99	139	107109	42.45	ng	#	93
27) 2,4-Dimethylphenol	10.04	122	170418	40.39	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	267173	40.59	ng		97
29) 2,4-Dichlorophenol	10.53	162	182095	41.46	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	193793	41.23	ng		95
31) Naphthalene	10.92	128	539775	40.74	ng		99
32) Benzoic acid	10.23	122	125637	39.13	ng		95
33) 4-Chloroaniline	11.04	127	229582	38.82	ng		97
34) Hexachlorobutadiene	11.19	225	147561	39.88	ng		95
35) Caprolactam	11.84	113	68271	38.22	ng	#	80
36) 4-Chloro-3-methylphenol	12.18	107	242073	39.17	ng		98
37) 2-Methylnaphthalene	12.53	142	402359	39.66	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	252809	41.24	ng		98
40) Hexachlorocyclopentadiene	12.87	237	98649	41.17	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	166142	41.91	ng		93
43) 2,4,5-Trichlorophenol	13.24	196	167921	41.17	ng		93
45) 1,1'-Biphenyl	13.54	154	607814	42.33	ng		98
46) 2-Chloronaphthalene	13.59	162	442646	41.29	ng		97
47) 2-Nitroaniline	13.81	65	200909	40.28	ng		98
48) Acenaphthylene	14.44	152	750865	41.26	ng		99
49) Dimethylphthalate	14.16	163	635162	39.43	ng		100
50) 2,6-Dinitrotoluene	14.30	165	137321	40.58	ng		98
51) Acenaphthene	14.78	154	445987	40.41	ng		96
52) 3-Nitroaniline	14.64	138	135793	40.18	ng		92
53) 2,4-Dinitrophenol	14.87	184	75404	37.52	ng		94
54) Dibenzofuran	15.11	168	687421	40.00	ng		97
55) 4-Nitrophenol	14.98	139	88768	36.22	ng		90
56) 2,4-Dinitrotoluene	15.10	165	205963	40.00	ng		90
57) Fluorene	15.77	166	597768	39.96	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.36	232	155257	39.41	ng		90
59) Diethylphthalate	15.53	149	669959	38.62	ng		98
60) 4-Chlorophenyl-phenylether	15.75	204	311003	38.81	ng		98
61) 4-Nitroaniline	15.81	138	125541	35.87	ng		89
62) Azobenzene	16.05	77	691176	39.22	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	125911	41.12	ng		76
65) n-Nitrosodiphenylamine	15.98	169	540647	44.82	ng		95
66) 4-Bromophenyl-phenylether	16.65	248	218064	42.63	ng		98
67) Hexachlorobenzene	16.78	284	243716	42.29	ng		96
68) Atrazine	16.93	200	206354	38.75	ng		97
69) Pentachlorophenol	17.14	266	101749	36.11	ng		98
70) Phenanthrene	17.52	178	933955	41.58	ng		98
71) Anthracene	17.62	178	928453	40.24	ng		98
72) Carbazole	17.89	167	818081	38.09	ng		96
73) Di-n-butylphthalate	18.43	149	956224	34.01	ng		97
74) Fluoranthene	19.54	202	996596	33.99	ng		94
76) Benzidine	19.72	184	448549	36.54	ng		96
77) Pyrene	19.90	202	1006740	33.25	ng		94
79) Butylbenzylphthalate	20.77	149	446377	40.04	ng		97
80) Benzo(a)anthracene	21.76	228	999207	40.48	ng		95
81) 3,3'-Dichlorobenzidine	21.68	252	393413	44.47	ng	#	95
82) Chrysene	21.84	228	959745	41.36	ng		99
83) Bis(2-ethylhexyl)phthalate	21.64	149	638097	47.90	ng		94
84) Di-n-octyl phthalate	22.88	149	1115925	48.55	ng		99
85) Indeno(1,2,3-cd)pyrene	28.94	276	1194193	46.15	ng	#	100
87) Benzo(b)fluoranthene	24.06	252	1019649	40.52	ng	#	99
88) Benzo(k)fluoranthene	24.13	252	1025059	41.02	ng	#	97
89) Benzo(a)pyrene	24.97	252	993388	40.84	ng	#	95
90) Dibenzo(a,h)anthracene	29.00	278	965882	39.77	ng	#	95
91) Benzo(g,h,i)perylene	30.15	276	978990	40.01	ng	#	93

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

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