Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100616\
Data File : BG024191.D
Acq On : 6 Oct 2016 4:36
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Oct 06 07:16:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG100616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 07:02:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	189174	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	859612	20.00	ng	0.00
38) Acenaphthene-d10	14.92	164	692850	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	1452091	20.00	ng	0.00
75) Chrysene-d12	21.97	240	1531965	20.00	ng	0.00
86) Perylene-d12	25.42	264	1543282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	1064329	49.93	ng	0.00
7) Phenol-d6	7.44	99	1579501	50.69	ng	0.00
23) Nitrobenzene-d5	9.48	82	1748480	51.11	ng	0.00
41) 2,4,6-Tribromophenol	16.40	330	842394	49.25	ng	0.00
44) 2-Fluorobiphenyl	13.55	172	3304696	44.28	ng	0.00
78) Terphenyl-d14	20.24	244	4160307	40.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	199654	48.89	ng	98
3) Pyridine	4.11	79	634773	53.94	ng	97
4) n-Nitrosodimethylamine	4.02	42	395416	50.56	ng	88
6) Aniline	7.63	93	1088710	49.98	ng	97
8) 2-Chlorophenol	7.86	128	608185	50.10	ng	100
9) Benzaldehyde	7.44	77	446790	53.56	ng	99
10) Phenol	7.47	94	869522	49.79	ng	96
11) bis(2-Chloroethyl)ether	7.71	93	654418	49.87	ng	96
12) 1,3-Dichlorobenzene	8.19	146	683907	50.28	ng	99
13) 1,4-Dichlorobenzene	8.34	146	685467	49.93	ng	100
14) 1,2-Dichlorobenzene	8.67	146	660653	50.05	ng	98
15) Benzyl Alcohol	8.54	79	748057	51.23	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.83	45	1340898	48.62	ng	98
17) 2-Methylphenol	8.73	107	551783	49.44	ng	97
18) Hexachloroethane	9.40	117	275353	49.83	ng	93
19) n-Nitroso-di-n-propylamine	9.12	70	661195	49.70	ng	99
20) 3+4-Methylphenols	9.07	107	797884	51.74	ng	98
22) Acetophenone	9.14	105	1023771	48.00	ng	94
24) Nitrobenzene	9.53	77	975008	51.15	ng	97
25) Isophorone	10.06	82	1743030	49.02	ng	99
26) 2-Nitrophenol	10.24	139	366785	53.90	ng	92
27) 2,4-Dimethylphenol	10.28	122	700972	48.94	ng	98
28) bis(2-Chloroethoxy)methane	10.52	93	931485	48.81	ng	97
29) 2,4-Dichlorophenol	10.77	162	682098	49.91	ng	95
30) 1,2,4-Trichlorobenzene	10.99	180	745373	48.51	ng	98
31) Naphthalene	11.19	128	1913773	47.74	ng	97
32) Benzoic acid	10.44	122	570632	53.64	ng	99
33) 4-Chloroaniline	11.29	127	906061	49.00	ng	97
34) Hexachlorobutadiene	11.46	225	559423	48.45	ng	98
35) Caprolactam	12.10	113	256403	52.02	ng	92
36) 4-Chloro-3-methylphenol	12.38	107	878518	49.15	ng	94
37) 2-Methylnaphthalene	12.77	142	1429791	48.17	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	967263	47.41	ng	98
40) Hexachlorocyclopentadiene	13.10	237	674679	49.32	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	649822	48.75	ng		96
43) 2,4,5-Trichlorophenol	13.43	196	671812	49.36	ng		98
45) 1,1'-Biphenyl	13.76	154	2108631	46.51	ng		97
46) 2-Chloronaphthalene	13.81	162	1615684	46.65	ng		99
47) 2-Nitroaniline	14.01	65	697557	54.37	ng		98
48) Acenaphthylene	14.65	152	2469155	46.18	ng		94
49) Dimethylphthalate	14.37	163	2147247	46.05	ng		99
50) 2,6-Dinitrotoluene	14.50	165	499350	52.93	ng		94
51) Acenaphthene	14.99	154	1813707	48.61	ng		98
52) 3-Nitroaniline	14.82	138	473259	52.22	ng	#	95
53) 2,4-Dinitrophenol	15.02	184	322462	56.20	ng		94
54) Dibenzofuran	15.32	168	2351291	45.40	ng		96
55) 4-Nitrophenol	15.11	139	443124	52.43	ng		88
56) 2,4-Dinitrotoluene	15.27	165	705008	53.85	ng	#	95
57) Fluorene	15.96	166	2035314	46.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	627506	49.16	ng		99
59) Diethylphthalate	15.72	149	2217268	45.61	ng		96
60) 4-Chlorophenyl-phenylether	15.95	204	1189978	47.00	ng		99
61) 4-Nitroaniline	15.99	138	515810	52.31	ng		94
62) Azobenzene	16.24	77	2244844	45.90	ng		96
64) 4,6-Dinitro-2-methylphenol	16.03	198	469469	57.51	ng		85
65) n-Nitrosodiphenylamine	16.16	169	1928036	48.26	ng		95
66) 4-Bromophenyl-phenylether	16.85	248	805913	49.93	ng		97
67) Hexachlorobenzene	16.96	284	906488	49.13	ng		97
68) Atrazine	17.10	200	667018	47.55	ng		94
69) Pentachlorophenol	17.30	266	604743	51.11	ng		94
70) Phenanthrene	17.70	178	3079822	45.64	ng		97
71) Anthracene	17.80	178	3112339m	45.83	ng		
72) Carbazole	18.06	167	2833519	46.26	ng		93
73) Di-n-butylphthalate	18.60	149	3192658	45.33	ng	#	94
74) Fluoranthene	19.69	202	3368614	44.45	ng		93
76) Benzidine	19.87	184	1882411	53.67	ng		98
77) Pyrene	20.06	202	3461962	45.18	ng	#	87
79) Butylbenzylphthalate	20.93	149	1629413	47.29	ng		97
80) Benzo(a)anthracene	21.95	228	3648456	45.62	ng		92
81) 3,3'-Dichlorobenzidine	21.85	252	1564929	47.80	ng		98
82) Chrysene	22.02	228	3465526	45.17	ng		91
83) Bis(2-ethylhexyl)phthalate	21.82	149	2206054	46.43	ng		96
84) Di-n-octyl phthalate	23.12	149	3628800	46.45	ng		97
85) Indeno(1,2,3-cd)pyrene	29.41	276	4619445	49.90	ng	#	96
87) Benzo(b)fluoranthene	24.32	252	3776318	46.54	ng		96
88) Benzo(k)fluoranthene	24.40	252	3766052m	46.76	ng		
89) Benzo(a)pyrene	25.26	252	3671368	46.73	ng		98
90) Dibenzo(a,h)anthracene	29.50	278	3782205	48.01	ng		98
91) Benzo(g,h,i)perylene	30.68	276	3761471	48.52	ng		95

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

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