Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022895.D
Acq On : 7 Jul 2016 14:32
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Jul 07 15:25:04 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 14:54:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	113247	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	561914	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	444314	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1090898	20.00	ng		0.00
75) Chrysene-d12	21.84	240	1170063	20.00	ng		0.00
86) Perylene-d12	25.19	264	1223692	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	717020	101.55	ng		0.00
7) Phenol-d6	7.31	99	1139159	114.46	ng		0.00
23) Nitrobenzene-d5	9.33	82	1319172	99.36	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	778606	111.41	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2618262	93.45	ng		0.00
78) Terphenyl-d14	20.15	244	3455449	78.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	144050	50.34	ng		92
3) Pyridine	3.98	79	490814	61.32	ng		94
4) n-Nitrosodimethylamine	3.89	42	201409	43.99	ng		88
6) Aniline	7.48	93	799260	60.57	ng		97
8) 2-Chlorophenol	7.72	128	378926	51.81	ng		100
9) Benzaldehyde	7.29	77	362122	103.39	ng		96
10) Phenol	7.33	94	585483	55.66	ng		92
11) bis(2-Chloroethyl)ether	7.57	93	462882	53.46	ng		99
12) 1,3-Dichlorobenzene	8.04	146	455399	51.17	ng		96
13) 1,4-Dichlorobenzene	8.19	146	466497	52.28	ng		97
14) 1,2-Dichlorobenzene	8.51	146	460629	54.29	ng		94
15) Benzyl Alcohol	8.39	79	535860	58.19	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	560836	58.56	ng		95
17) 2-Methylphenol	8.60	107	382749	55.20	ng		96
18) Hexachloroethane	9.25	117	192466	52.12	ng		90
19) n-Nitroso-di-n-propylamine	8.97	70	518741	62.59	ng		94
20) 3+4-Methylphenols	8.93	107	542066	56.76	ng		96
22) Acetophenone	8.98	105	822503	50.63	ng	#	93
24) Nitrobenzene	9.37	77	687870	46.88	ng		93
25) Isophorone	9.89	82	1315985	51.06	ng		96
26) 2-Nitrophenol	10.09	139	275888	52.20	ng		92
27) 2,4-Dimethylphenol	10.14	122	467294	46.27	ng		95
28) bis(2-Chloroethoxy)methane	10.38	93	735034	52.23	ng		96
29) 2,4-Dichlorophenol	10.62	162	516506	52.50	ng		97
30) 1,2,4-Trichlorobenzene	10.85	180	572501	49.01	ng		96
31) Naphthalene	11.03	128	1395116	49.39	ng		99
32) Benzoic acid	10.30	122	442931	72.83	ng		96
33) 4-Chloroaniline	11.14	127	691524	56.84	ng		99
34) Hexachlorobutadiene	11.31	225	449896	49.55	ng		98
35) Caprolactam	11.93	113	203921	65.80	ng		94
36) 4-Chloro-3-methylphenol	12.26	107	690143	57.14	ng		92
37) 2-Methylnaphthalene	12.63	142	1133344	51.74	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	938602	55.96	ng		98
40) Hexachlorocyclopentadiene	12.97	237	570518	42.61	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	544920	50.66	ng		96
43) 2,4,5-Trichlorophenol	13.31	196	557639	49.55	ng		96
45) 1,1'-Biphenyl	13.63	154	1629909	48.16	ng		97
46) 2-Chloronaphthalene	13.68	162	1315596	47.24	ng		95
47) 2-Nitroaniline	13.88	65	562263	52.30	ng		90
48) Acenaphthylene	14.52	152	1935187	47.91	ng		96
49) Dimethylphthalate	14.25	163	1715217	46.54	ng		96
50) 2,6-Dinitrotoluene	14.37	165	409087	51.08	ng		87
51) Acenaphthene	14.86	154	1294592	43.50	ng		99
52) 3-Nitroaniline	14.71	138	404887	54.03	ng		87
53) 2,4-Dinitrophenol	14.91	184	288945	58.57	ng		93
54) Dibenzofuran	15.20	168	1873221	43.46	ng		98
55) 4-Nitrophenol	15.01	139	336044	53.03	ng		97
56) 2,4-Dinitrotoluene	15.16	165	576822	51.99	ng	#	88
57) Fluorene	15.85	166	1624308	47.23	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	561795	48.14	ng	#	98
59) Diethylphthalate	15.61	149	1723738	45.49	ng		94
60) 4-Chlorophenyl-phenylether	15.84	204	1018486	49.74	ng		95
61) 4-Nitroaniline	15.87	138	422462	54.63	ng	#	88
62) Azobenzene	16.13	77	1681387	40.97	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	419971	57.40	ng		95
65) n-Nitrosodiphenylamine	16.06	169	1553464	48.94	ng		94
66) 4-Bromophenyl-phenylether	16.74	248	700985	49.53	ng		92
67) Hexachlorobenzene	16.86	284	773629	51.70	ng		97
68) Atrazine	17.00	200	683105	50.97	ng		98
69) Pentachlorophenol	17.20	266	522465	50.73	ng		97
70) Phenanthrene	17.60	178	2522772	45.35	ng		94
71) Anthracene	17.70	178	2545993	44.47	ng		94
72) Carbazole	17.97	167	2209887	45.53	ng		97
73) Di-n-butylphthalate	18.51	149	2471953	43.74	ng		97
74) Fluoranthene	19.61	202	2861960	44.65	ng		91
76) Benzidine	19.78	184	1678845	134.77	ng		98
77) Pyrene	19.96	202	2953085	47.39	ng		93
79) Butylbenzylphthalate	20.83	149	1259428	46.68	ng		93
80) Benzo(a)anthracene	21.83	228	3070009	47.42	ng		95
81) 3,3'-Dichlorobenzidine	21.73	252	1413942	52.87	ng	#	96
82) Chrysene	21.89	228	2887455	47.46	ng	#	92
83) Bis(2-ethylhexyl)phthalate	21.70	149	1689562	44.48	ng		96
84) Di-n-octyl phthalate	22.95	149	2851366	45.54	ng		99
85) Indeno(1,2,3-cd)pyrene	29.03	276	3824947	47.84	ng	#	100
87) Benzo(b)fluoranthene	24.12	252	3442906	46.79	ng		95
88) Benzo(k)fluoranthene	24.19	252	3177654	45.68	ng	#	93
89) Benzo(a)pyrene	25.03	252	3240598	45.18	ng	#	98
90) Dibenzo(a,h)anthracene	29.10	278	3272408	48.46	ng	#	95
91) Benzo(g,h,i)perylene	30.25	276	3290528	47.87	ng	#	95

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

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