Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100616\
Data File : BG024192.D
Acq On : 6 Oct 2016 5:14
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Oct 06 07:06:25 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	182800	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	837967	20.00	ng		0.00
38) Acenaphthene-d10	14.92	164	658777	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	1379000	20.00	ng		0.00
75) Chrysene-d12	21.96	240	1388322	20.00	ng		0.00
86) Perylene-d12	25.43	264	1397547	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.83	112	1256046	60.98	ng		0.00
7) Phenol-d6	7.44	99	1898864	63.06	ng		0.00
23) Nitrobenzene-d5	9.48	82	2091300	62.71	ng		0.00
41) 2,4,6-Tribromophenol	16.41	330	1011855	62.21	ng		0.00
44) 2-Fluorobiphenyl	13.55	172	3779276	53.26	ng		0.00
78) Terphenyl-d14	20.24	244	4486790	47.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.69	88	244587	61.98	ng		96
3) Pyridine	4.11	79	770069	67.72	ng		98
4) n-Nitrosodimethylamine	4.01	42	457882	60.59	ng		92
6) Aniline	7.63	93	1320080	62.71	ng		97
8) 2-Chlorophenol	7.86	128	722850	61.63	ng		96
9) Benzaldehyde	7.44	77	516200	64.04	ng		97
10) Phenol	7.47	94	1040749	61.68	ng		99
11) bis(2-Chloroethyl)ether	7.72	93	783615	61.80	ng		91
12) 1,3-Dichlorobenzene	8.19	146	803997	61.17	ng		97
13) 1,4-Dichlorobenzene	8.34	146	812177	61.22	ng		97
14) 1,2-Dichlorobenzene	8.66	146	779274	61.09	ng		99
15) Benzyl Alcohol	8.54	79	894242	63.37	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.83	45	1584712	59.46	ng		98
17) 2-Methylphenol	8.73	107	678588	62.93	ng		99
18) Hexachloroethane	9.40	117	326771	61.19	ng		96
19) n-Nitroso-di-n-propylamine	9.12	70	793884	61.76	ng		99
20) 3+4-Methylphenols	9.07	107	963168	64.64	ng		98
22) Acetophenone	9.14	105	1225260	58.93	ng	#	98
24) Nitrobenzene	9.53	77	1183189	63.68	ng		98
25) Isophorone	10.06	82	2108669	60.83	ng		99
26) 2-Nitrophenol	10.24	139	459746	69.31	ng		98
27) 2,4-Dimethylphenol	10.28	122	856563	61.35	ng		98
28) bis(2-Chloroethoxy)methane	10.52	93	1101661	59.22	ng		96
29) 2,4-Dichlorophenol	10.77	162	832839	62.51	ng		97
30) 1,2,4-Trichlorobenzene	10.99	180	894650	59.72	ng		99
31) Naphthalene	11.19	128	2268390	58.05	ng		96
32) Benzoic acid	10.45	122	721585	69.58	ng		93
33) 4-Chloroaniline	11.29	127	1074880	59.63	ng	#	93
34) Hexachlorobutadiene	11.46	225	667523	59.31	ng		96
35) Caprolactam	12.11	113	306452	63.78	ng		92
36) 4-Chloro-3-methylphenol	12.38	107	1048144	60.15	ng		94
37) 2-Methylnaphthalene	12.77	142	1702326	58.84	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	1145739	59.07	ng		99
40) Hexachlorocyclopentadiene	13.10	237	799730	61.49	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	771943	60.90	ng		100
43) 2,4,5-Trichlorophenol	13.43	196	808552	62.47	ng		99
45) 1,1'-Biphenyl	13.76	154	2476073	57.44	ng		96
46) 2-Chloronaphthalene	13.81	162	1939947	58.91	ng		95
47) 2-Nitroaniline	14.00	65	838479	68.73	ng		98
48) Acenaphthylene	14.65	152	2908272	57.21	ng		92
49) Dimethylphthalate	14.37	163	2499691	56.38	ng		97
50) 2,6-Dinitrotoluene	14.49	165	608463	67.83	ng		92
51) Acenaphthene	14.98	154	2166080	61.06	ng		97
52) 3-Nitroaniline	14.83	138	590195	68.49	ng		99
53) 2,4-Dinitrophenol	15.02	184	391271	71.72	ng		95
54) Dibenzofuran	15.32	168	2718996	55.22	ng	#	92
55) 4-Nitrophenol	15.11	139	541255	67.36	ng		87
56) 2,4-Dinitrotoluene	15.27	165	836138	67.17	ng	#	99
57) Fluorene	15.97	166	2355260	56.15	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.53	232	744414	61.34	ng		99
59) Diethylphthalate	15.72	149	2575838	55.73	ng	#	95
60) 4-Chlorophenyl-phenylether	15.95	204	1394469	57.92	ng		99
61) 4-Nitroaniline	15.98	138	603196	64.34	ng		96
62) Azobenzene	16.24	77	2617498	56.28	ng		93
64) 4,6-Dinitro-2-methylphenol	16.03	198	558715	72.07	ng		86
65) n-Nitrosodiphenylamine	16.17	169	2256689	59.47	ng		93
66) 4-Bromophenyl-phenylether	16.84	248	945236	61.67	ng	#	92
67) Hexachlorobenzene	16.96	284	1068101	60.96	ng		96
68) Atrazine	17.11	200	786716	59.06	ng		98
69) Pentachlorophenol	17.30	266	722223	64.27	ng		98
70) Phenanthrene	17.70	178	3496221	54.55	ng		92
71) Anthracene	17.80	178	3554019	55.11	ng	#	88
72) Carbazole	18.06	167	3201450	55.04	ng	#	90
73) Di-n-butylphthalate	18.60	149	3517869	52.60	ng	#	91
74) Fluoranthene	19.70	202	3720505	51.69	ng		89
76) Benzidine	19.87	184	2101402	66.11	ng		97
77) Pyrene	20.05	202	3821570	55.03	ng	#	84
79) Butylbenzylphthalate	20.93	149	1841685	58.99	ng		96
80) Benzo(a)anthracene	21.95	228	3990702	55.06	ng	#	90
81) 3,3'-Dichlorobenzidine	21.85	252	1772840	59.76	ng		98
82) Chrysene	22.02	228	3791813	54.54	ng	#	88
83) Bis(2-ethylhexyl)phthalate	21.82	149	2451010	56.93	ng	#	93
84) Di-n-octyl phthalate	23.13	149	4003486	56.55	ng		96
85) Indeno(1,2,3-cd)pyrene	29.41	276	5217959	62.20	ng	#	93
87) Benzo(b)fluoranthene	24.33	252	4225008	57.50	ng		96
88) Benzo(k)fluoranthene	24.40	252	4161620	57.06	ng		96
89) Benzo(a)pyrene	25.27	252	4094758	57.56	ng		97
90) Dibenzo(a,h)anthracene	29.50	278	4260646	59.72	ng		96
91) Benzo(g,h,i)perylene	30.67	276	4279424	60.96	ng		94

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

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