Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
Data File : BG024497.D
Acq On : 25 Oct 2016 15:03
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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10/26/2016 4:51:02 PM

Quant Time: Oct 25 15:52:49 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 15:14:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	114866	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	465485	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	358733	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	810191	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1123879	20.00	ng		0.00
86) Perylene-d12	25.36	264	1217080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	679923	102.11	ng		0.00
7) Phenol-d6	7.40	99	949410	97.92	ng		0.00
23) Nitrobenzene-d5	9.45	82	1019097	106.10	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	542032	121.29	ng		0.00
44) 2-Fluorobiphenyl	13.52	172	2070286	108.00	ng		0.00
78) Terphenyl-d14	20.21	244	3363795	89.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	143065	56.91	ng		93
3) Pyridine	4.08	79	433908	58.96	ng		96
4) n-Nitrosodimethylamine	3.99	42	214542	46.03	ng		91
6) Aniline	7.60	93	598017	43.97	ng		92
8) 2-Chlorophenol	7.83	128	350561	47.42	ng		92
9) Benzaldehyde	7.41	77	267919	50.14	ng		93
10) Phenol	7.43	94	487328	45.43	ng		96
11) bis(2-Chloroethyl)ether	7.68	93	360087	45.05	ng		89
12) 1,3-Dichlorobenzene	8.16	146	431647	51.45	ng		98
13) 1,4-Dichlorobenzene	8.31	146	424942	49.88	ng		95
14) 1,2-Dichlorobenzene	8.63	146	403707	48.79	ng		97
15) Benzyl Alcohol	8.51	79	444360	49.58	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	677782	40.43	ng		97
17) 2-Methylphenol	8.70	107	326522	47.97	ng		99
18) Hexachloroethane	9.36	117	169198	51.17	ng	#	87
19) n-Nitroso-di-n-propylamine	9.08	70	357260	44.46	ng		90
20) 3+4-Methylphenols	9.03	107	434274	44.64	ng		99
22) Acetophenone	9.10	105	579003	51.22	ng		94
24) Nitrobenzene	9.49	77	558228	52.32	ng		97
25) Isophorone	10.01	82	930923	48.18	ng		97
26) 2-Nitrophenol	10.20	139	217078	55.30	ng		87
27) 2,4-Dimethylphenol	10.24	122	366559	46.38	ng		94
28) bis(2-Chloroethoxy)methane	10.49	93	481902	46.71	ng		97
29) 2,4-Dichlorophenol	10.73	162	376568	49.44	ng		97
30) 1,2,4-Trichlorobenzene	10.96	180	450862	54.40	ng		97
31) Naphthalene	11.15	128	1113448	50.97	ng		100
32) Benzoic acid	10.37	122	323023	55.70	ng		90
33) 4-Chloroaniline	11.25	127	498995	49.33	ng	#	94
34) Hexachlorobutadiene	11.42	225	339425	54.85	ng		98
35) Caprolactam	12.03	113	140146m	52.70	ng		
36) 4-Chloro-3-methylphenol	12.34	107	465918	47.45	ng		97
37) 2-Methylnaphthalene	12.74	142	829570	50.98	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	560813	54.95	ng		99
40) Hexachlorocyclopentadiene	13.07	237	348098	49.67	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	361102	52.46	ng		99
43) 2,4,5-Trichlorophenol	13.40	196	389870	54.75	ng		97
45) 1,1'-Biphenyl	13.72	154	1204635	51.92	ng		95
46) 2-Chloronaphthalene	13.78	162	934540	52.54	ng		97
47) 2-Nitroaniline	13.98	65	390431	56.20	ng		94
48) Acenaphthylene	14.62	152	1414296	51.26	ng		97
49) Dimethylphthalate	14.34	163	1245668	51.89	ng		98
50) 2,6-Dinitrotoluene	14.46	165	283493	55.33	ng		97
51) Acenaphthene	14.96	154	1066108	54.45	ng		95
52) 3-Nitroaniline	14.79	138	280578	56.75	ng	#	98
53) 2,4-Dinitrophenol	14.99	184	202943	66.11	ng		95
54) Dibenzofuran	15.29	168	1444762	54.55	ng		95
55) 4-Nitrophenol	15.08	139	245521	54.05	ng		93
56) 2,4-Dinitrotoluene	15.24	165	411920	58.07	ng	#	97
57) Fluorene	15.93	166	1203622	52.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	411095	61.72	ng	#	95
59) Diethylphthalate	15.68	149	1290282	51.67	ng		98
60) 4-Chlorophenyl-phenylether	15.92	204	673422	51.91	ng		97
61) 4-Nitroaniline	15.95	138	308402	58.19	ng		90
62) Azobenzene	16.21	77	1299947	52.46	ng		99
64) 4,6-Dinitro-2-methylphenol	16.00	198	300844	61.58	ng		88
65) n-Nitrosodiphenylamine	16.13	169	1084297	48.07	ng		100
66) 4-Bromophenyl-phenylether	16.81	248	479787	52.31	ng		94
67) Hexachlorobenzene	16.93	284	535152	50.68	ng	#	89
68) Atrazine	17.07	200	467493	60.21	ng		98
69) Pentachlorophenol	17.27	266	383014	58.78	ng		99
70) Phenanthrene	17.68	178	1992924	53.08	ng		97
71) Anthracene	17.77	178	2008000	52.29	ng		99
72) Carbazole	18.03	167	1842892	53.36	ng		99
73) Di-n-butylphthalate	18.56	149	2144206	55.48	ng		99
74) Fluoranthene	19.66	202	2539857	59.87	ng		98
76) Benzidine	19.84	184	1249638	47.40	ng		98
77) Pyrene	20.03	202	2599436	45.14	ng		97
79) Butylbenzylphthalate	20.89	149	1140552	46.27	ng		98
80) Benzo(a)anthracene	21.91	228	2898935	49.33	ng		98
81) 3,3'-Dichlorobenzidine	21.81	252	1188337	49.58	ng		98
82) Chrysene	21.98	228	2789256	49.73	ng		99
83) Bis(2-ethylhexyl)phthalate	21.77	149	1608145	46.87	ng	#	98
84) Di-n-octyl phthalate	23.05	149	2660809	46.13	ng		96
85) Indeno(1,2,3-cd)pyrene	29.32	276	3856371	55.67	ng	#	98
87) Benzo(b)fluoranthene	24.26	252	3145889	49.27	ng		98
88) Benzo(k)fluoranthene	24.34	252	3015225	47.52	ng		98
89) Benzo(a)pyrene	25.20	252	3076201	49.79	ng		98
90) Dibenzo(a,h)anthracene	29.38	278	3295594	52.53	ng		97
91) Benzo(g,h,i)perylene	30.56	276	3249024	52.67	ng		99

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

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