Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
Data File : BG025359.D
Acq On : 21 Dec 2016 16:00
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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12/22/2016 7:03:10 PM

Quant Time: Dec 21 17:34:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 17:23:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	54621	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	234840	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	194021	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	451871	20.00	ng		0.00
75) Chrysene-d12	21.88	240	591954	20.00	ng		0.00
86) Perylene-d12	25.29	264	630437	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	318944	95.70	ng		0.00
7) Phenol-d6	7.37	99	453076	99.11	ng		0.00
23) Nitrobenzene-d5	9.40	82	541718	105.03	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	307439	106.07	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	1144320	98.03	ng		0.00
78) Terphenyl-d14	20.16	244	2152358	108.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	65175	47.87	ng		92
3) Pyridine	4.01	79	201824	49.51	ng		97
4) n-Nitrosodimethylamine	3.92	42	117120	55.50	ng		99
6) Aniline	7.54	93	305905	52.82	ng		94
8) 2-Chlorophenol	7.78	128	174237	51.42	ng		96
9) Benzaldehyde	7.35	77	142051	50.28	ng		99
10) Phenol	7.40	94	246270	52.26	ng		95
11) bis(2-Chloroethyl)ether	7.63	93	180215	50.91	ng		90
12) 1,3-Dichlorobenzene	8.10	146	211122	50.33	ng		98
13) 1,4-Dichlorobenzene	8.25	146	214046	51.66	ng		90
14) 1,2-Dichlorobenzene	8.57	146	213618	53.63	ng		92
15) Benzyl Alcohol	8.45	79	221576	52.10	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.73	45	347443	52.90	ng		98
17) 2-Methylphenol	8.66	107	164135	52.57	ng		97
18) Hexachloroethane	9.29	117	85097	53.43	ng		93
19) n-Nitroso-di-n-propylamine	9.02	70	183340	54.42	ng		97
20) 3+4-Methylphenols	8.99	107	220997	52.71	ng		98
22) Acetophenone	9.05	105	322361	53.44	ng	#	94
24) Nitrobenzene	9.44	77	289990	50.54	ng		99
25) Isophorone	9.96	82	482818	50.32	ng		98
26) 2-Nitrophenol	10.16	139	113079	53.09	ng		97
27) 2,4-Dimethylphenol	10.20	122	189642	50.86	ng		100
28) bis(2-Chloroethoxy)methane	10.43	93	249278	50.22	ng		96
29) 2,4-Dichlorophenol	10.69	162	200575	51.25	ng		95
30) 1,2,4-Trichlorobenzene	10.90	180	231406	49.85	ng		99
31) Naphthalene	11.09	128	587736	50.17	ng		95
32) Benzoic acid	10.35	122	161995	52.17	ng		92
33) 4-Chloroaniline	11.21	127	257392	50.61	ng		93
34) Hexachlorobutadiene	11.35	225	186890	51.44	ng		95
35) Caprolactam	12.00	113	74082	51.71	ng		93
36) 4-Chloro-3-methylphenol	12.32	107	244170	51.68	ng		94
37) 2-Methylnaphthalene	12.68	142	448261	52.44	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	311822	47.65	ng		98
40) Hexachlorocyclopentadiene	13.00	237	99724	27.06	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	193521	49.20	ng		99
43) 2,4,5-Trichlorophenol	13.37	196	201518	47.39	ng		94
45) 1,1'-Biphenyl	13.67	154	625120	46.43	ng		97
46) 2-Chloronaphthalene	13.73	162	493263	48.11	ng		98
47) 2-Nitroaniline	13.94	65	220415	52.51	ng		95
48) Acenaphthylene	14.57	152	775678	49.34	ng		96
49) Dimethylphthalate	14.28	163	688633	49.99	ng		99
50) 2,6-Dinitrotoluene	14.42	165	152511	51.87	ng		91
51) Acenaphthene	14.91	154	502420	42.87	ng		99
52) 3-Nitroaniline	14.76	138	147127	48.35	ng		99
53) 2,4-Dinitrophenol	14.98	184	99591	46.74	ng		90
54) Dibenzofuran	15.23	168	797022	49.19	ng		95
55) 4-Nitrophenol	15.08	139	114990	43.38	ng		96
56) 2,4-Dinitrotoluene	15.22	165	226660	53.04	ng	#	97
57) Fluorene	15.89	166	661434	49.22	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.47	232	221368	50.21	ng		95
59) Diethylphthalate	15.63	149	712700	49.35	ng		99
60) 4-Chlorophenyl-phenylether	15.86	204	377560	50.08	ng		97
61) 4-Nitroaniline	15.93	138	156048	46.94	ng		95
62) Azobenzene	16.16	77	709387	49.25	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	165771	53.25	ng		91
65) n-Nitrosodiphenylamine	16.09	169	599733	48.55	ng		99
66) 4-Bromophenyl-phenylether	16.76	248	272038	49.59	ng		99
67) Hexachlorobenzene	16.89	284	316419	52.20	ng	#	87
68) Atrazine	17.02	200	252199	47.60	ng		95
69) Pentachlorophenol	17.24	266	173918	43.48	ng		97
70) Phenanthrene	17.63	178	1126695	48.92	ng		95
71) Anthracene	17.72	178	1150087	49.49	ng		99
72) Carbazole	18.00	167	1035426	48.86	ng		98
73) Di-n-butylphthalate	18.51	149	1277600	52.29	ng		98
74) Fluoranthene	19.62	202	1520625	52.23	ng		95
76) Benzidine	19.80	184	727233	52.14	ng		98
77) Pyrene	19.99	202	1541684	53.28	ng		98
79) Butylbenzylphthalate	20.84	149	601844	49.89	ng		97
80) Benzo(a)anthracene	21.86	228	1621262	49.86	ng		96
81) 3,3'-Dichlorobenzidine	21.76	252	632418	48.20	ng		97
82) Chrysene	21.93	228	1553810	50.17	ng		97
83) Bis(2-ethylhexyl)phthalate	21.70	149	840436	48.70	ng		97
84) Di-n-octyl phthalate	22.96	149	1417078	49.48	ng		95
85) Indeno(1,2,3-cd)pyrene	29.24	276	1996182	46.69	ng		99
87) Benzo(b)fluoranthene	24.20	252	1633932	47.95	ng		97
88) Benzo(k)fluoranthene	24.27	252	1619178m	49.20	ng		
89) Benzo(a)pyrene	25.13	252	1619792	48.64	ng		97
90) Dibenzo(a,h)anthracene	29.28	278	1706306	46.69	ng	#	96
91) Benzo(g,h,i)perylene	30.47	276	1703748	46.66	ng		98

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

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