Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
Data File : BG022521.D
Acq On : 24 Jun 2016 2:10
Operator : UM/SJ
Sample : SSTDICC80
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC80

Manual Integrations APPROVED
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6/24/2016 7:30:45 PM

Quant Time: Jun 24 04:23:15 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 03:43:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	126046	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	509231	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	346589	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	851273	20.00	ng		0.00
75) Chrysene-d12	21.87	240	927725	20.00	ng		0.00
86) Perylene-d12	25.22	264	908419	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	1371962	206.92	ng		0.00
7) Phenol-d6	7.33	99	1896063	185.02	ng		0.01
23) Nitrobenzene-d5	9.36	82	2107630	266.94	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	1012073	248.96	ng		0.00
44) 2-Fluorobiphenyl	13.44	172	3428793	152.44	ng		0.00
78) Terphenyl-d14	20.17	244	4125706	108.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	286460	90.47	ng		98
3) Pyridine	4.02	79	931827	108.30	ng		97
4) n-Nitrosodimethylamine	3.92	42	483083	204.97	ng		93
6) Aniline	7.51	93	1370116	103.63	ng		97
8) 2-Chlorophenol	7.74	128	729146	82.65	ng		98
9) Benzaldehyde	7.31	77	411649	76.34	ng		91
10) Phenol	7.35	94	1018626	95.56	ng		98
11) bis(2-Chloroethyl)ether	7.59	93	798305	94.64	ng		92
12) 1,3-Dichlorobenzene	8.07	146	855755	88.35	ng		93
13) 1,4-Dichlorobenzene	8.22	146	874963	90.99	ng		97
14) 1,2-Dichlorobenzene	8.54	146	813304	84.31	ng		96
15) Benzyl Alcohol	8.42	79	1026587	138.74	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.72	45	931522	103.53	ng		97
17) 2-Methylphenol	8.62	107	672259	85.89	ng		97
18) Hexachloroethane	9.27	117	378399	104.87	ng		96
19) n-Nitroso-di-n-propylamine	9.00	70	819551	113.78	ng		94
20) 3+4-Methylphenols	8.95	107	918285	82.49	ng		97
22) Acetophenone	9.02	105	1281837	112.49	ng	#	96
24) Nitrobenzene	9.40	77	1175093	145.19	ng		95
25) Isophorone	9.93	82	2004523	112.37	ng		96
26) 2-Nitrophenol	10.11	139	447291	110.45	ng		95
27) 2,4-Dimethylphenol	10.16	122	752717	103.26	ng		94
28) bis(2-Chloroethoxy)methane	10.40	93	1069354	105.54	ng		98
29) 2,4-Dichlorophenol	10.64	162	813768	117.45	ng		97
30) 1,2,4-Trichlorobenzene	10.86	180	924834	118.04	ng		97
31) Naphthalene	11.05	128	2155204	84.71	ng		95
33) 4-Chloroaniline	11.16	127	1044581	97.47	ng		98
34) Hexachlorobutadiene	11.34	225	745563	161.45	ng		96
35) Caprolactam	11.99	113	269739m	76.71	ng		
36) 4-Chloro-3-methylphenol	12.27	107	959064	116.23	ng		93
37) 2-Methylnaphthalene	12.65	142	1688613	89.80	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	1130008	121.57	ng		98
40) Hexachlorocyclopentadiene	12.99	237	991595	200.37	ng		99
42) 2,4,6-Trichlorophenol	13.25	196	761907	122.77	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.32	196	787822	116.11	ng		94
45) 1,1'-Biphenyl	13.65	154	2166863	84.44	ng		92
46) 2-Chloronaphthalene	13.70	162	1799971	90.54	ng		92
47) 2-Nitroaniline	13.90	65	784749	149.84	ng		95
48) Acenaphthylene	14.54	152	2593951	75.78	ng	#	90
49) Dimethylphthalate	14.27	163	2300168	80.94	ng	#	93
50) 2,6-Dinitrotoluene	14.39	165	564320	91.94	ng		93
51) Acenaphthene	14.89	154	2042314m	96.80	ng		
52) 3-Nitroaniline	14.73	138	558329	82.69	ng		91
53) 2,4-Dinitrophenol	14.92	184	400014	191.42	ng		97
54) Dibenzofuran	15.22	168	2656602	81.71	ng	#	89
55) 4-Nitrophenol	15.01	139	475636	100.33	ng		91
56) 2,4-Dinitrotoluene	15.18	165	817442	98.90	ng		97
57) Fluorene	15.87	166	2220847	80.06	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	852958	134.73	ng		97
59) Diethylphthalate	15.64	149	2428814	80.22	ng		92
60) 4-Chlorophenyl-phenylether	15.86	204	1399375	107.19	ng		97
61) 4-Nitroaniline	15.90	138	585505	83.08	ng		96
62) Azobenzene	16.15	77	2598728	107.48	ng		94
64) 4,6-Dinitro-2-methylphenol	15.94	198	553222	136.24	ng		96
65) n-Nitrosodiphenylamine	16.08	169	2089178	86.63	ng	#	90
66) 4-Bromophenyl-phenylether	16.76	248	947189	115.62	ng		99
67) Hexachlorobenzene	16.88	284	1026798	109.15	ng		99
68) Atrazine	17.03	200	977958	106.54	ng		98
69) Pentachlorophenol	17.22	266	746843	177.78	ng		97
70) Phenanthrene	17.62	178	3263011	72.02	ng	#	85
71) Anthracene	17.71	178	3325558	74.04	ng	#	85
72) Carbazole	17.98	167	2953358	70.11	ng	#	88
73) Di-n-butylphthalate	18.53	149	3269556	59.68	ng	#	86
74) Fluoranthene	19.62	202	3591468	68.51	ng		81
76) Benzidine	19.79	184	1737408	77.05	ng		96
77) Pyrene	19.98	202	3639828	64.59	ng	#	77
79) Butylbenzylphthalate	20.86	149	1843313	71.26	ng	#	97
80) Benzo(a)anthracene	21.84	228	3956841	76.88	ng	#	86
81) 3,3'-Dichlorobenzidine	21.75	252	1859624	121.88	ng	#	92
82) Chrysene	21.92	228	3708183	74.10	ng	#	78
83) Bis(2-ethylhexyl)phthalate	21.74	149	2424573	64.39	ng	#	91
84) Di-n-octyl phthalate	23.02	149	3813843	61.15	ng		95
85) Indeno(1,2,3-cd)pyrene	29.11	276	5086758	90.49	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	4557001	87.34	ng	#	90
88) Benzo(k)fluoranthene	24.24	252	4191185	81.79	ng	#	89
89) Benzo(a)pyrene	25.08	252	4465686	89.44	ng		93
90) Dibenzo(a,h)anthracene	29.19	278	4147480	88.76	ng	#	92
91) Benzo(g,h,i)perylene	30.32	276	4284778	88.21	ng		96

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

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