Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012115\
Data File : BG015907.D
Acq On : 21 Jan 2015 16:54
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
LabSampleId : SSTDCCC040

Quant Time: Jan 21 18:56:10 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 20 17:47:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	93638	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	390644	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	361389	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	917660	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1311862	20.00	ng		0.00
86) Perylene-d12	23.53	264	1246419	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	465735	74.07	ng		0.00
7) Phenol-d6	6.87	99	761273	75.13	ng		0.00
23) Nitrobenzene-d5	8.84	82	1050426	77.51	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	499392	75.48	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	1714972	74.46	ng		0.00
78) Terphenyl-d14	19.71	244	3542112	73.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	128307	39.62	ng		93
3) Pyridine	3.59	79	425098	38.93	ng		93
4) n-Nitrosodimethylamine	3.51	42	158269	37.53	ng	#	85
6) Aniline	7.02	93	549729	37.68	ng		97
8) 2-Chlorophenol	7.26	128	209655	34.75	ng		91
9) Benzaldehyde	6.84	77	360488	39.03	ng		97
10) Phenol	6.90	94	444407	38.48	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	323586	36.26	ng		93
12) 1,3-Dichlorobenzene	7.58	146	255188	35.74	ng		96
13) 1,4-Dichlorobenzene	7.72	146	267120	36.23	ng		93
14) 1,2-Dichlorobenzene	8.04	146	249642	34.56	ng		93
15) Benzyl Alcohol	7.93	79	441744	39.85	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	279588	38.76	ng		87
17) 2-Methylphenol	8.14	107	257841	36.04	ng		92
18) Hexachloroethane	8.76	117	135203	35.67	ng		90
19) n-Nitroso-di-n-propylamine	8.49	70	387791	38.36	ng		92
20) 3+4-Methylphenols	8.47	107	377260	40.22	ng		91
22) Acetophenone	8.50	105	499678	38.17	ng	#	96
24) Nitrobenzene	8.89	77	548243	38.46	ng		97
25) Isophorone	9.41	82	973787	40.64	ng		98
26) 2-Nitrophenol	9.59	139	143743	40.72	ng		88
27) 2,4-Dimethylphenol	9.66	122	266815	39.50	ng		98
28) bis(2-Chloroethoxy)methane	9.89	93	464173	40.01	ng		92
29) 2,4-Dichlorophenol	10.13	162	275131	39.00	ng		96
30) 1,2,4-Trichlorobenzene	10.34	180	326402	38.16	ng	#	96
31) Naphthalene	10.53	128	759734	38.00	ng		98
32) Benzoic acid	9.80	122	126900	52.95	ng		96
33) 4-Chloroaniline	10.64	127	352334	37.80	ng		94
34) Hexachlorobutadiene	10.81	225	310935	37.16	ng		95
35) Caprolactam	11.41	113	140451	40.52	ng	#	85
36) 4-Chloro-3-methylphenol	11.78	107	425962	41.06	ng		96
37) 2-Methylnaphthalene	12.14	142	613895	38.66	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	503993	36.57	ng		98
40) Hexachlorocyclopentadiene	12.49	237	410379	39.52	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	330243	40.91	ng		99
43) 2,4,5-Trichlorophenol	12.83	196	355103	38.91	ng		97
45) 1,1'-Biphenyl	13.16	154	863037	37.84	ng		99
46) 2-Chloronaphthalene	13.20	162	719318	37.35	ng		93
47) 2-Nitroaniline	13.42	65	362875	36.93	ng		94
48) Acenaphthylene	14.06	152	1113717	38.08	ng		96
49) Dimethylphthalate	13.80	163	975419	37.51	ng	#	96
50) 2,6-Dinitrotoluene	13.92	165	221629	37.75	ng		84
51) Acenaphthene	14.40	154	682888	37.16	ng		98
52) 3-Nitroaniline	14.25	138	204696	37.06	ng		95
53) 2,4-Dinitrophenol	14.46	184	155789	44.24	ng	#	83
54) Dibenzofuran	14.73	168	1136944	37.50	ng		98
55) 4-Nitrophenol	14.57	139	154219	40.58	ng		92
56) 2,4-Dinitrotoluene	14.71	165	321670	37.45	ng	#	97
57) Fluorene	15.38	166	1024364	37.45	ng		94
58) 2,3,4,6-Tetrachlorophenol	14.97	232	407512	40.33	ng		98
59) Diethylphthalate	15.16	149	1003853	37.81	ng		97
60) 4-Chlorophenyl-phenylether	15.38	204	668955	36.77	ng		95
61) 4-Nitroaniline	15.41	138	242748	41.43	ng	#	67
62) Azobenzene	15.67	77	1632627	37.98	ng		96
64) 4,6-Dinitro-2-methylphenol	15.47	198	260463	39.33	ng		92
65) n-Nitrosodiphenylamine	15.60	169	976730	37.31	ng		95
66) 4-Bromophenyl-phenylether	16.27	248	489432	36.52	ng		95
67) Hexachlorobenzene	16.39	284	550464	38.00	ng		95
68) Atrazine	16.55	200	467154	37.07	ng		100
69) Pentachlorophenol	16.74	266	297224	44.87	ng		93
70) Phenanthrene	17.12	178	1713281	37.21	ng		99
71) Anthracene	17.21	178	1713730	37.93	ng		98
72) Carbazole	17.49	167	1543545	38.76	ng		98
73) Di-n-butylphthalate	18.05	149	1814151	39.58	ng		100
74) Fluoranthene	19.14	202	2315373	37.66	ng		98
76) Benzidine	19.33	184	1216790	38.06	ng		100
77) Pyrene	19.51	202	2402077	38.53	ng		98
79) Butylbenzylphthalate	20.41	149	930968	40.73	ng		97
80) Benzo(a)anthracene	21.25	228	2619390	37.79	ng		98
81) 3,3'-Dichlorobenzidine	21.20	252	1155404	39.42	ng	#	98
82) Chrysene	21.31	228	2459238	37.28	ng		98
83) Bis(2-ethylhexyl)phthalate	21.18	149	1288956	41.94	ng		99
84) Di-n-octyl phthalate	22.06	149	1914776	40.27	ng		99
85) Indeno(1,2,3-cd)pyrene	25.83	276	2956695	38.44	ng		99
87) Benzo(b)fluoranthene	22.85	252	2759245	38.78	ng	#	98
88) Benzo(k)fluoranthene	22.89	252	2580084	37.46	ng		99
89) Benzo(a)pyrene	23.43	252	2599695	37.98	ng		97
90) Dibenzo(a,h)anthracene	25.84	278	2466244	37.95	ng	#	99
91) Benzo(g,h,i)perylene	26.54	276	2410263	38.01	ng		94

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

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