Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020986.D
Acq On : 20 Feb 2016 00:11
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 20 01:32:58 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	24494	20.00	ng		0.00
21) Naphthalene-d8	11.08	136	132203	20.00	ng		-0.01
38) Acenaphthene-d10	14.87	164	79365	20.00	ng		-0.01
63) Phenanthrene-d10	17.61	188	155966	20.00	ng		0.00
75) Chrysene-d12	21.89	240	145927	20.00	ng		-0.02
86) Perylene-d12	25.26	264	138622	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	114787	78.92	ng		0.00
7) Phenol-d6	7.41	99	179532	84.45	ng		0.00
23) Nitrobenzene-d5	9.43	82	158748	78.95	ng		0.00
41) 2,4,6-Tribromophenol	16.35	330	66960	85.79	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	456704	80.83	ng		0.00
78) Terphenyl-d14	20.19	244	515708	82.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	19308	36.51	ng		99
3) Pyridine	4.04	79	60952	38.96	ng		99
4) n-Nitrosodimethylamine	3.95	42	15515	37.91	ng		99
6) Aniline	7.58	93	108223	40.83	ng		99
8) 2-Chlorophenol	7.82	128	75756	41.69	ng		97
9) Benzaldehyde	7.39	77	40289	37.84	ng		100
10) Phenol	7.44	94	93960	41.76	ng		99
11) bis(2-Chloroethyl)ether	7.67	93	71412	39.74	ng		98
12) 1,3-Dichlorobenzene	8.15	146	77091	40.13	ng		99
13) 1,4-Dichlorobenzene	8.29	146	80151	41.15	ng		99
14) 1,2-Dichlorobenzene	8.62	146	77943	41.13	ng		99
15) Benzyl Alcohol	8.49	79	55055	41.08	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	72138	38.49	ng		99
17) 2-Methylphenol	8.70	107	67814	41.84	ng		99
18) Hexachloroethane	9.35	117	27620	41.24	ng		98
19) n-Nitroso-di-n-propylamine	9.06	70	56496	41.19	ng		98
20) 3+4-Methylphenols	9.03	107	96722	42.82	ng		95
22) Acetophenone	9.09	105	124730	39.14	ng	#	98
24) Nitrobenzene	9.48	77	82042	39.14	ng		97
25) Isophorone	10.00	82	168873	39.85	ng		98
26) 2-Nitrophenol	10.19	139	49087	44.50	ng		95
27) 2,4-Dimethylphenol	10.24	122	82759	39.16	ng		99
28) bis(2-Chloroethoxy)methane	10.47	93	103145	39.49	ng		98
29) 2,4-Dichlorophenol	10.73	162	80338	42.41	ng		99
30) 1,2,4-Trichlorobenzene	10.94	180	78125	40.94	ng		96
31) Naphthalene	11.14	128	275466	40.28	ng		99
32) Benzoic acid	10.39	122	72248	42.61	ng		98
33) 4-Chloroaniline	11.24	127	121700	41.37	ng		99
34) Hexachlorobutadiene	11.41	225	39396	40.51	ng		97
35) Caprolactam	12.02	113	30700	42.29	ng		95
36) 4-Chloro-3-methylphenol	12.34	107	92238	42.50	ng		98
37) 2-Methylnaphthalene	12.72	142	198894	41.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	93940	40.35	ng		99
40) Hexachlorocyclopentadiene	13.06	237	36042	35.19	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	65920	42.15	ng	100
43) 2,4,5-Trichlorophenol	13.39	196	69600	42.33	ng	97
45) 1,1'-Biphenyl	13.71	154	281793	40.25	ng	99
46) 2-Chloronaphthalene	13.76	162	203133	40.52	ng	100
47) 2-Nitroaniline	13.96	65	49044	40.86	ng	99
48) Acenaphthylene	14.60	152	353640	40.57	ng	99
49) Dimethylphthalate	14.32	163	254347	40.98	ng	100
50) 2,6-Dinitrotoluene	14.45	165	56433	42.43	ng	97
51) Acenaphthene	14.94	154	217902	41.23	ng	97
52) 3-Nitroaniline	14.77	138	62880	40.69	ng	99
53) 2,4-Dinitrophenol	14.97	184	22900	44.75	ng	96
54) Dibenzofuran	15.27	168	285292	40.81	ng	100
55) 4-Nitrophenol	15.07	139	48841	41.85	ng	97
56) 2,4-Dinitrotoluene	15.23	165	74312	43.23	ng	96
57) Fluorene	15.91	166	260035	40.40	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	52444	41.85	ng	99
59) Diethylphthalate	15.67	149	259997	40.75	ng	98
60) 4-Chlorophenyl-phenylether	15.90	204	116523	40.76	ng	95
61) 4-Nitroaniline	15.93	138	62760	40.46	ng	98
62) Azobenzene	16.19	77	194870	38.85	ng	99
64) 4,6-Dinitro-2-methylphenol	15.98	198	33945	43.42	ng	97
65) n-Nitrosodiphenylamine	16.11	169	208713	41.42	ng	99
66) 4-Bromophenyl-phenylether	16.79	248	70005	42.50	ng	98
67) Hexachlorobenzene	16.91	284	73491	41.93	ng	96
68) Atrazine	17.05	200	62232	40.70	ng	98
69) Pentachlorophenol	17.25	266	42405	42.20	ng	96
70) Phenanthrene	17.65	178	360108	40.55	ng	99
71) Anthracene	17.74	178	365317	40.54	ng	100
72) Carbazole	18.01	167	326662	40.39	ng	99
73) Di-n-butylphthalate	18.55	149	417282	40.23	ng	99
74) Fluoranthene	19.64	202	388260	40.48	ng	99
76) Benzidine	19.81	184	164434	34.85	ng	98
77) Pyrene	20.00	202	393898	40.92	ng	99
79) Butylbenzylphthalate	20.87	149	190203	41.27	ng	97
80) Benzo(a)anthracene	21.87	228	356464	40.92	ng	99
81) 3,3'-Dichlorobenzidine	21.78	252	130122	40.24	ng	99
82) Chrysene	21.94	228	333155	40.67	ng	99
83) Bis(2-ethylhexyl)phthalate	21.75	149	276750	40.50	ng	99
84) Di-n-octyl phthalate	23.01	149	458885	40.92	ng	99
85) Indeno(1,2,3-cd)pyrene	29.13	276	390044	41.40	ng	97
87) Benzo(b)fluoranthene	24.18	252	349861	41.24	ng	98
88) Benzo(k)fluoranthene	24.26	252	333220	40.09	ng	99
89) Benzo(a)pyrene	25.10	252	329204	40.73	ng	98
90) Dibenzo(a,h)anthracene	29.18	278	318745	40.55	ng	99
91) Benzo(g,h,i)perylene	30.34	276	314708	40.33	ng	97

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

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