Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022259.D
Acq On : 9 Jun 2016 8:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 09 09:02:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	48742	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	244082	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	149540	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	328577	20.00	ng		0.00
75) Chrysene-d12	21.77	240	311240	20.00	ng		0.00
86) Perylene-d12	25.06	264	296428	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	215108	85.33	ng		0.00
7) Phenol-d6	7.28	99	326549	82.39	ng		0.00
23) Nitrobenzene-d5	9.29	82	296687	84.74	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	134301	79.48	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	796167	81.14	ng		0.00
78) Terphenyl-d14	20.08	244	1044111	79.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	46220	38.24	ng	#	83
3) Pyridine	3.93	79	125643	38.46	ng		100
4) n-Nitrosodimethylamine	3.84	42	30446	41.68	ng	#	92
6) Aniline	7.44	93	208678	41.44	ng	#	82
8) 2-Chlorophenol	7.68	128	141859	40.71	ng	#	79
9) Benzaldehyde	7.25	77	87405	40.06	ng	#	71
10) Phenol	7.31	94	170973	41.84	ng		80
11) bis(2-Chloroethyl)ether	7.53	93	129678	39.80	ng	#	75
12) 1,3-Dichlorobenzene	8.00	146	144836	38.78	ng	#	91
13) 1,4-Dichlorobenzene	8.15	146	145428	39.08	ng		94
14) 1,2-Dichlorobenzene	8.47	146	143302	38.20	ng		96
15) Benzyl Alcohol	8.36	79	106103	41.43	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	132870	39.30	ng		81
17) 2-Methylphenol	8.56	107	124940	40.97	ng	#	85
18) Hexachloroethane	9.20	117	52934	38.95	ng	#	77
19) n-Nitroso-di-n-propylamine	8.92	70	103998	38.76	ng	#	69
20) 3+4-Methylphenols	8.89	107	169168	38.67	ng		97
22) Acetophenone	8.95	105	215162	40.91	ng	#	82
24) Nitrobenzene	9.33	77	148064	42.06	ng	#	83
25) Isophorone	9.85	82	308572	37.67	ng		94
26) 2-Nitrophenol	10.04	139	83260	43.61	ng	#	77
27) 2,4-Dimethylphenol	10.10	122	143584	41.55	ng		90
28) bis(2-Chloroethoxy)methane	10.33	93	188058	40.07	ng		94
29) 2,4-Dichlorophenol	10.58	162	140704	43.95	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	146735	41.02	ng		94
31) Naphthalene	10.98	128	481252	39.50	ng	#	95
32) Benzoic acid	10.26	122	64924	52.34	ng	#	85
33) 4-Chloroaniline	11.10	127	212802	42.01	ng	#	90
34) Hexachlorobutadiene	11.26	225	77744	40.49	ng		97
35) Caprolactam	11.89	113	61665	35.12	ng	#	40
36) 4-Chloro-3-methylphenol	12.22	107	158674	41.82	ng	#	83
37) 2-Methylnaphthalene	12.58	142	360768	40.11	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	162402	42.19	ng		100
40) Hexachlorocyclopentadiene	12.92	237	54858	31.30	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	114521	44.35	ng		96
43) 2,4,5-Trichlorophenol	13.27	196	122455	42.92	ng		94
45) 1,1'-Biphenyl	13.58	154	465356	41.35	ng		95
46) 2-Chloronaphthalene	13.63	162	360871	41.83	ng		97
47) 2-Nitroaniline	13.83	65	90176	43.84	ng	#	59
48) Acenaphthylene	14.47	152	603152	39.85	ng		98
49) Dimethylphthalate	14.20	163	459786	37.08	ng		99
50) 2,6-Dinitrotoluene	14.33	165	107164	39.76	ng	#	77
51) Acenaphthene	14.81	154	361470	39.86	ng		96
52) 3-Nitroaniline	14.66	138	116666	39.02	ng	#	81
53) 2,4-Dinitrophenol	14.87	184	32236	36.21	ng	#	74
54) Dibenzofuran	15.14	168	562232	39.73	ng		99
55) 4-Nitrophenol	14.98	139	81723	39.61	ng	#	75
56) 2,4-Dinitrotoluene	15.11	165	146697	40.57	ng	#	81
57) Fluorene	15.79	166	478836	39.28	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	105785	41.34	ng		97
59) Diethylphthalate	15.55	149	487593	36.81	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	220183	39.88	ng		94
61) 4-Nitroaniline	15.83	138	122694	38.70	ng	#	80
62) Azobenzene	16.07	77	405978	40.48	ng		86
64) 4,6-Dinitro-2-methylphenol	15.88	198	57670	36.14	ng		84
65) n-Nitrosodiphenylamine	16.00	169	400159	42.28	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	130629	42.43	ng		94
67) Hexachlorobenzene	16.79	284	144670	40.32	ng		97
68) Atrazine	16.94	200	133250	38.03	ng		98
69) Pentachlorophenol	17.15	266	63882	42.72	ng		98
70) Phenanthrene	17.53	178	707223	39.63	ng		97
71) Anthracene	17.62	178	710267	40.13	ng		95
72) Carbazole	17.89	167	659568	39.35	ng		98
73) Di-n-butylphthalate	18.43	149	833652	38.04	ng		98
74) Fluoranthene	19.53	202	780481	38.04	ng		95
76) Benzidine	19.71	184	364235	44.75	ng		98
77) Pyrene	19.90	202	770500	39.82	ng		99
79) Butylbenzylphthalate	20.76	149	375426	41.84	ng		92
80) Benzo(a)anthracene	21.75	228	706535	40.48	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	208254	42.50	ng		99
82) Chrysene	21.82	228	660557	38.90	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	550461	41.71	ng		97
84) Di-n-octyl phthalate	22.85	149	921057	42.04	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.85	276	763412	40.07	ng	#	87
87) Benzo(b)fluoranthene	24.02	252	698276	40.39	ng	#	97
88) Benzo(k)fluoranthene	24.08	252	684753	40.24	ng	#	97
89) Benzo(a)pyrene	24.91	252	669715	40.51	ng	#	96
90) Dibenzo(a,h)anthracene	28.90	278	623638	40.06	ng	#	96
91) Benzo(g,h,i)perylene	30.03	276	608843	37.59	ng		95

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

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