Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022163.D
Acq On : 6 Jun 2016 10:58
Operator : UM/SJ
Sample : SSTDICC80
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC80

Quant Time: Jun 06 16:04:08 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 13:44:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	26957	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	141685	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	89307	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	209143	20.00	ng		0.00
75) Chrysene-d12	21.77	240	209487	20.00	ng		0.00
86) Perylene-d12	25.07	264	197806	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	239173	147.75	ng		0.00
7) Phenol-d6	7.28	99	372987	154.25	ng		0.00
23) Nitrobenzene-d5	9.30	82	343134	124.48	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	167328	173.85	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	926046	151.93	ng		0.00
78) Terphenyl-d14	20.09	244	1309099	155.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	53819	74.69	ng	#	74
3) Pyridine	3.93	79	147336	68.14	ng	#	57
4) n-Nitrosodimethylamine	3.84	42	35245	32.89	ng	#	1
6) Aniline	7.44	93	241476	75.51	ng	#	82
8) 2-Chlorophenol	7.69	128	158324	81.58	ng	#	79
10) Phenol	7.31	94	192456	74.00	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	144095	69.23	ng	#	72
12) 1,3-Dichlorobenzene	8.01	146	160548	74.08	ng	#	90
13) 1,4-Dichlorobenzene	8.16	146	160254	72.63	ng		93
14) 1,2-Dichlorobenzene	8.48	146	161779	76.43	ng		94
15) Benzyl Alcohol	8.36	79	122002	66.02	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.66	45	148047	33.21	ng		82
17) 2-Methylphenol	8.57	107	136135	75.71	ng	#	85
18) Hexachloroethane	9.21	117	59092	73.59	ng	#	70
19) n-Nitroso-di-n-propylamine	8.93	70	120554	64.16	ng	#	69
20) 3+4-Methylphenols	8.90	107	196036	79.67	ng		93
22) Acetophenone	8.95	105	255219	64.67	ng	#	81
24) Nitrobenzene	9.34	77	168580	57.12	ng	#	80
25) Isophorone	9.86	82	373140	61.85	ng	#	91
26) 2-Nitrophenol	10.05	139	97725	86.73	ng	#	72
27) 2,4-Dimethylphenol	10.11	122	168871	65.97	ng		88
28) bis(2-Chloroethoxy)methane	10.34	93	220646	68.83	ng		94
29) 2,4-Dichlorophenol	10.59	162	160793	73.68	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	168471	71.79	ng		93
31) Naphthalene	10.99	128	553550	73.00	ng	#	94
32) Benzoic acid	10.27	122	70834	52.00	ng	#	84
33) 4-Chloroaniline	11.10	127	251985	76.77	ng	#	91
34) Hexachlorobutadiene	11.26	225	86734	57.30	ng		95
35) Caprolactam	11.90	113	77440	77.54	ng	#	47
36) 4-Chloro-3-methylphenol	12.22	107	186409	67.93	ng	#	82
37) 2-Methylnaphthalene	12.59	142	416313	79.98	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	188274	67.46	ng		99
40) Hexachlorocyclopentadiene	12.93	237	96084	61.97	ng		99
42) 2,4,6-Trichlorophenol	13.19	196	132836	74.64	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.27	196	141948	73.91	ng	#	94
45) 1,1'-Biphenyl	13.59	154	550630	73.18	ng		95
46) 2-Chloronaphthalene	13.64	162	422434	75.93	ng		97
47) 2-Nitroaniline	13.84	65	103809	54.42	ng	#	51
48) Acenaphthylene	14.48	152	717073	77.97	ng		97
49) Dimethylphthalate	14.20	163	564122	73.06	ng		99
50) 2,6-Dinitrotoluene	14.33	165	133466	90.65	ng	#	75
51) Acenaphthene	14.82	154	432288	73.52	ng		98
52) 3-Nitroaniline	14.67	138	145372	89.03	ng	#	80
53) 2,4-Dinitrophenol	14.88	184	54171	114.12	ng	#	73
54) Dibenzofuran	15.15	168	663425	82.64	ng		99
55) 4-Nitrophenol	14.98	139	108560	77.64	ng	#	71
56) 2,4-Dinitrotoluene	15.12	165	183621	92.28	ng	#	80
57) Fluorene	15.80	166	573452	79.98	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	124075	77.87	ng		97
59) Diethylphthalate	15.55	149	597279	74.11	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	268566	76.04	ng		93
61) 4-Nitroaniline	15.83	138	151196	84.15	ng	#	79
62) Azobenzene	16.08	77	476161	68.94	ng		86
64) 4,6-Dinitro-2-methylphenol	15.88	198	88729	109.91	ng	#	82
65) n-Nitrosodiphenylamine	16.00	169	496180	79.10	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	163926	73.16	ng		97
67) Hexachlorobenzene	16.80	284	183802	77.70	ng		95
68) Atrazine	16.94	200	172220	69.53	ng		98
69) Pentachlorophenol	17.15	266	84876	62.85	ng		99
70) Phenanthrene	17.54	178	882133	76.53	ng		96
71) Anthracene	17.63	178	871966	74.52	ng		96
72) Carbazole	17.90	167	818842	74.97	ng		97
73) Di-n-butylphthalate	18.44	149	1027433	73.96	ng		97
74) Fluoranthene	19.54	202	976013	70.91	ng		95
76) Benzidine	19.72	184	347500	53.28	ng		98
77) Pyrene	19.90	202	961788	79.62	ng		97
79) Butylbenzylphthalate	20.76	149	483014	86.14	ng		93
80) Benzo(a)anthracene	21.75	228	916054	75.98	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	262742	27.53	ng		98
82) Chrysene	21.82	228	879444	75.93	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	699694	85.32	ng		100
84) Di-n-octyl phthalate	22.86	149	1169225	85.11	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.87	276	1050026	76.26	ng	#	86
87) Benzo(b)fluoranthene	24.02	252	941556	82.03	ng	#	96
88) Benzo(k)fluoranthene	24.09	252	898186	80.03	ng	#	97
89) Benzo(a)pyrene	24.92	252	904216	81.31	ng	#	95
90) Dibenzo(a,h)anthracene	28.92	278	864072	77.50	ng	#	92
91) Benzo(g,h,i)perylene	30.05	276	873745	79.86	ng	#	94

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

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