Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021161.D
Acq On : 29 Feb 2016 18:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 29 23:57:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	10264	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	58223	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	40745	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	96397	20.00	ng		0.00
75) Chrysene-d12	21.76	240	108737	20.00	ng		0.00
86) Perylene-d12	25.03	264	98741	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	51389	79.59	ng		0.00
7) Phenol-d6	7.30	99	92338	86.98	ng		0.00
23) Nitrobenzene-d5	9.32	82	113961	82.82	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	34935	82.41	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	225954	78.75	ng		0.00
78) Terphenyl-d14	20.09	244	360833	80.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	11544	39.81	ng		94
3) Pyridine	3.99	79	37763	41.20	ng	#	90
4) n-Nitrosodimethylamine	3.91	42	18322	39.68	ng		99
6) Aniline	7.47	93	60136	42.73	ng	#	88
8) 2-Chlorophenol	7.71	128	33627	42.49	ng	#	80
9) Benzaldehyde	7.29	77	25879	39.02	ng		87
10) Phenol	7.33	94	49469	43.71	ng		80
11) bis(2-Chloroethyl)ether	7.57	93	37780	43.31	ng		94
12) 1,3-Dichlorobenzene	8.04	146	32413	39.94	ng	#	91
13) 1,4-Dichlorobenzene	8.19	146	33866	40.53	ng		94
14) 1,2-Dichlorobenzene	8.51	146	33362	41.86	ng		99
15) Benzyl Alcohol	8.38	79	44026	45.41	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.68	45	64485	42.82	ng		99
17) 2-Methylphenol	8.58	107	34430	43.97	ng	#	90
18) Hexachloroethane	9.24	117	14378	41.09	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	43535	44.38	ng		96
20) 3+4-Methylphenols	8.91	107	49305	44.46	ng		93
22) Acetophenone	8.98	105	70084	40.45	ng	#	91
24) Nitrobenzene	9.36	77	61222	40.77	ng	#	85
25) Isophorone	9.88	82	123805	41.51	ng		95
26) 2-Nitrophenol	10.07	139	22825	41.72	ng	#	63
27) 2,4-Dimethylphenol	10.12	122	39320	40.07	ng		86
28) bis(2-Chloroethoxy)methane	10.36	93	56750	40.99	ng		98
29) 2,4-Dichlorophenol	10.60	162	36836	41.67	ng		93
30) 1,2,4-Trichlorobenzene	10.82	180	35754	40.10	ng		91
31) Naphthalene	11.02	128	122745	40.44	ng		98
32) Benzoic acid	10.26	122	38109	46.01	ng	#	73
33) 4-Chloroaniline	11.12	127	58837	42.03	ng	#	89
34) Hexachlorobutadiene	11.29	225	21845	40.24	ng		95
35) Caprolactam	11.90	113	19311	44.80	ng	#	72
36) 4-Chloro-3-methylphenol	12.21	107	58205	43.40	ng	#	82
37) 2-Methylnaphthalene	12.60	142	88515	40.96	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	47897	39.15	ng		98
40) Hexachlorocyclopentadiene	12.94	237	27117	40.42	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	36279	39.48	ng		95
43) 2,4,5-Trichlorophenol	13.27	196	38587	39.27	ng		89
45) 1,1'-Biphenyl	13.60	154	130961	39.08	ng		95
46) 2-Chloronaphthalene	13.65	162	98610	39.20	ng		98
47) 2-Nitroaniline	13.84	65	49943	40.74	ng	#	69
48) Acenaphthylene	14.49	152	170616	40.06	ng		98
49) Dimethylphthalate	14.21	163	142563	39.26	ng		99
50) 2,6-Dinitrotoluene	14.33	165	31567	41.55	ng	#	59
51) Acenaphthene	14.82	154	112482	41.61	ng		97
52) 3-Nitroaniline	14.66	138	34560	41.00	ng	#	68
53) 2,4-Dinitrophenol	14.86	184	17640	44.10	ng	#	76
54) Dibenzofuran	15.16	168	143433	39.73	ng		93
55) 4-Nitrophenol	14.95	139	29691	42.47	ng	#	60
56) 2,4-Dinitrotoluene	15.11	165	44494	40.66	ng	#	73
57) Fluorene	15.80	166	135747	39.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	31902	40.59	ng	#	94
59) Diethylphthalate	15.56	149	161306	40.19	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	67680	39.41	ng		97
61) 4-Nitroaniline	15.82	138	37842	42.04	ng	#	62
62) Azobenzene	16.09	77	173235	40.19	ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	27339	41.64	ng		91
65) n-Nitrosodiphenylamine	16.00	169	120441	40.63	ng		91
66) 4-Bromophenyl-phenylether	16.69	248	40778	40.47	ng	#	86
67) Hexachlorobenzene	16.80	284	38965	39.85	ng	#	87
68) Atrazine	16.94	200	42491	41.86	ng		97
69) Pentachlorophenol	17.14	266	27749	43.44	ng		91
70) Phenanthrene	17.54	178	213131	40.97	ng		100
71) Anthracene	17.63	178	218601	41.07	ng		100
72) Carbazole	17.90	167	196754	41.68	ng		97
73) Di-n-butylphthalate	18.44	149	280472	42.26	ng	#	98
74) Fluoranthene	19.54	202	254256	41.60	ng		99
76) Benzidine	19.71	184	124668	40.97	ng		99
77) Pyrene	19.89	202	259774	40.05	ng		98
79) Butylbenzylphthalate	20.77	149	134920	40.76	ng		86
80) Benzo(a)anthracene	21.74	228	258606	40.17	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	98845	40.58	ng		99
82) Chrysene	21.81	228	245449	40.23	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	198840	40.98	ng		95
84) Di-n-octyl phthalate	22.87	149	334200	41.35	ng		99
85) Indeno(1,2,3-cd)pyrene	28.77	276	275432	39.37	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	252700	40.69	ng		99
88) Benzo(k)fluoranthene	24.07	252	247486	39.79	ng		96
89) Benzo(a)pyrene	24.89	252	242114	40.32	ng		96
90) Dibenzo(a,h)anthracene	28.84	278	234088	39.41	ng	#	96
91) Benzo(g,h,i)perylene	29.95	276	225036	39.21	ng	#	95

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

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