Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
Data File : BG023237.D
Acq On : 23 Jul 2016 5:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 23 06:05:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 15:46:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	116201	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	530389	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	381717	20.00	ng		0.01
63) Phenanthrene-d10	17.57	188	929463	20.00	ng		0.02
75) Chrysene-d12	21.90	240	978860	20.00	ng		0.02
86) Perylene-d12	25.31	264	985867	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	630625	88.76	ng		0.00
7) Phenol-d6	7.29	99	954679	85.79	ng		0.00
23) Nitrobenzene-d5	9.32	82	1042551	84.17	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	437393	63.76	ng		0.01
44) 2-Fluorobiphenyl	13.43	172	1984914	81.91	ng		0.01
78) Terphenyl-d14	20.18	244	2696330	88.90	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	106721	38.64	ng		89
3) Pyridine	3.94	79	375425	39.73	ng		93
4) n-Nitrosodimethylamine	3.85	42	174739	43.10	ng	#	86
6) Aniline	7.46	93	616360	39.97	ng		98
8) 2-Chlorophenol	7.70	128	310241	41.03	ng		100
9) Benzaldehyde	7.27	77	288416	38.79	ng		92
10) Phenol	7.32	94	475645	41.54	ng		88
11) bis(2-Chloroethyl)ether	7.55	93	358619	39.52	ng		88
12) 1,3-Dichlorobenzene	8.03	146	350714	37.89	ng		96
13) 1,4-Dichlorobenzene	8.18	146	352371	38.03	ng		100
14) 1,2-Dichlorobenzene	8.50	146	351192	38.13	ng		94
15) Benzyl Alcohol	8.38	79	382926	37.57	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	496230	44.77	ng		89
17) 2-Methylphenol	8.58	107	301427	40.44	ng		94
18) Hexachloroethane	9.24	117	153433	39.23	ng		91
19) n-Nitroso-di-n-propylamine	8.95	70	397195	39.59	ng		97
20) 3+4-Methylphenols	8.91	107	421908	40.59	ng		95
22) Acetophenone	8.97	105	616965	38.76	ng	#	96
24) Nitrobenzene	9.36	77	524415	39.84	ng		92
25) Isophorone	9.88	82	952510	38.23	ng		95
26) 2-Nitrophenol	10.08	139	203263	39.36	ng	#	85
27) 2,4-Dimethylphenol	10.14	122	345704	38.72	ng		94
28) bis(2-Chloroethoxy)methane	10.37	93	555542	39.98	ng		97
29) 2,4-Dichlorophenol	10.62	162	363678	38.19	ng		100
30) 1,2,4-Trichlorobenzene	10.84	180	400351	36.69	ng		98
31) Naphthalene	11.03	128	1082292	40.09	ng		100
32) Benzoic acid	10.28	122	281605	34.67	ng		92
33) 4-Chloroaniline	11.14	127	510463	38.66	ng		94
34) Hexachlorobutadiene	11.31	225	295156	33.37	ng		95
35) Caprolactam	11.92	113	143734	36.69	ng		92
36) 4-Chloro-3-methylphenol	12.26	107	483894	37.16	ng		98
37) 2-Methylnaphthalene	12.63	142	818301	38.35	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	584543	35.54	ng		98
40) Hexachlorocyclopentadiene	12.97	237	398630	42.10	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	336985	35.64	ng		99
43) 2,4,5-Trichlorophenol	13.31	196	349761	36.02	ng		94
45) 1,1'-Biphenyl	13.64	154	1174275	41.00	ng		97
46) 2-Chloronaphthalene	13.68	162	947511	40.78	ng		97
47) 2-Nitroaniline	13.89	65	429200	43.30	ng		94
48) Acenaphthylene	14.54	152	1447845	41.54	ng		98
49) Dimethylphthalate	14.25	163	1207239	38.72	ng		98
50) 2,6-Dinitrotoluene	14.38	165	275133	39.26	ng		93
51) Acenaphthene	14.88	154	923467	40.55	ng		99
52) 3-Nitroaniline	14.72	138	293058	41.94	ng		89
53) 2,4-Dinitrophenol	14.92	184	174008	36.19	ng		91
54) Dibenzofuran	15.21	168	1355801	39.77	ng		99
55) 4-Nitrophenol	15.03	139	273411	46.68	ng		94
56) 2,4-Dinitrotoluene	15.18	165	390360	38.21	ng		96
57) Fluorene	15.86	166	1158698	39.49	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.44	232	324333	33.39	ng		94
59) Diethylphthalate	15.62	149	1251155	39.44	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	643634	36.02	ng		98
61) 4-Nitroaniline	15.89	138	331185	43.80	ng	#	79
62) Azobenzene	16.15	77	1337076	44.06	ng		94
64) 4,6-Dinitro-2-methylphenol	15.94	198	266907	38.64	ng		94
65) n-Nitrosodiphenylamine	16.07	169	1083821	40.47	ng		95
66) 4-Bromophenyl-phenylether	16.75	248	420265	34.75	ng		98
67) Hexachlorobenzene	16.88	284	446318	33.94	ng		96
68) Atrazine	17.02	200	437917	36.87	ng		97
69) Pentachlorophenol	17.22	266	353155	41.48	ng		97
70) Phenanthrene	17.62	178	1855097	40.73	ng		98
71) Anthracene	17.71	178	1913231	41.48	ng		97
72) Carbazole	17.98	167	1706325	42.81	ng		98
73) Di-n-butylphthalate	18.53	149	1993714	44.98	ng		99
74) Fluoranthene	19.63	202	2182996	39.05	ng		98
76) Benzidine	19.81	184	1662818	59.25	ng		96
77) Pyrene	19.99	202	2236575	40.66	ng		98
79) Butylbenzylphthalate	20.87	149	987849	45.34	ng		99
80) Benzo(a)anthracene	21.88	228	2149229	39.24	ng		98
81) 3,3'-Dichlorobenzidine	21.79	252	846645	35.22	ng	#	98
82) Chrysene	21.95	228	2041512	39.74	ng		96
83) Bis(2-ethylhexyl)phthalate	21.76	149	1357752	44.88	ng		99
84) Di-n-octyl phthalate	23.03	149	2341719	46.41	ng		99
85) Indeno(1,2,3-cd)pyrene	29.21	276	2429042	37.08	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	2209975	38.85	ng	#	98
88) Benzo(k)fluoranthene	24.29	252	2234805	41.40	ng	#	96
89) Benzo(a)pyrene	25.15	252	2159377	39.60	ng	#	98
90) Dibenzo(a,h)anthracene	29.27	278	2058038	38.03	ng	#	94
91) Benzo(g,h,i)perylene	30.43	276	2093509	38.63	ng	#	92

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

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