Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022983.D
Acq On : 10 Jul 2016 3:29
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 11 02:33:17 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	123702	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	618166	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	481260	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1126753	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1233622	20.00	ng		0.00
86) Perylene-d12	25.21	264	1264890	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	616292	81.48	ng		0.00
7) Phenol-d6	7.31	99	1017897	85.93	ng		0.00
23) Nitrobenzene-d5	9.33	82	1159037	80.28	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	608709	70.38	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2349146	76.89	ng		0.00
78) Terphenyl-d14	20.15	244	3093081	76.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	123468	42.00	ng	#	93
3) Pyridine	3.97	79	419441	41.69	ng		92
4) n-Nitrosodimethylamine	3.88	42	189532	43.91	ng	#	91
6) Aniline	7.47	93	705893	43.00	ng		97
8) 2-Chlorophenol	7.72	128	346076	43.00	ng		99
9) Benzaldehyde	7.29	77	314301	39.71	ng		93
10) Phenol	7.33	94	540002	44.30	ng		90
11) bis(2-Chloroethyl)ether	7.56	93	397383	41.13	ng		99
12) 1,3-Dichlorobenzene	8.04	146	398505	40.45	ng		98
13) 1,4-Dichlorobenzene	8.19	146	410499	41.62	ng		96
14) 1,2-Dichlorobenzene	8.51	146	401851	40.98	ng		95
15) Benzyl Alcohol	8.39	79	474815	43.76	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	501459	42.49	ng		95
17) 2-Methylphenol	8.60	107	343351	43.27	ng		94
18) Hexachloroethane	9.24	117	170319	40.91	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	441320	41.33	ng		99
20) 3+4-Methylphenols	8.93	107	486324	43.95	ng		97
22) Acetophenone	8.98	105	728272	39.25	ng	#	95
24) Nitrobenzene	9.37	77	612564	39.93	ng		93
25) Isophorone	9.89	82	1125407	38.76	ng		97
26) 2-Nitrophenol	10.08	139	245122	40.72	ng		96
27) 2,4-Dimethylphenol	10.14	122	403476	38.78	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	626127	38.67	ng		97
29) 2,4-Dichlorophenol	10.62	162	442509	39.87	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	496358	39.03	ng		97
31) Naphthalene	11.03	128	1259952	40.04	ng		98
32) Benzoic acid	10.29	122	378975	40.03	ng		95
33) 4-Chloroaniline	11.14	127	636114	41.34	ng		99
34) Hexachlorobutadiene	11.31	225	387261	37.57	ng		98
35) Caprolactam	11.92	113	168809	36.97	ng		94
36) 4-Chloro-3-methylphenol	12.26	107	612728	40.37	ng		95
37) 2-Methylnaphthalene	12.63	142	1013327	40.74	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	825561	39.81	ng		98
40) Hexachlorocyclopentadiene	12.97	237	401848	33.66	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	470780	39.49	ng		99
43) 2,4,5-Trichlorophenol	13.31	196	475820	38.87	ng		96
45) 1,1'-Biphenyl	13.63	154	1464273	40.55	ng		97
46) 2-Chloronaphthalene	13.68	162	1177762	40.21	ng		97
47) 2-Nitroaniline	13.88	65	521992	41.76	ng		94
48) Acenaphthylene	14.52	152	1709375	38.90	ng		96
49) Dimethylphthalate	14.24	163	1456766	37.06	ng		97
50) 2,6-Dinitrotoluene	14.37	165	341718	38.68	ng		87
51) Acenaphthene	14.86	154	1125026	39.18	ng		98
52) 3-Nitroaniline	14.71	138	347600	39.46	ng		90
53) 2,4-Dinitrophenol	14.91	184	229518	37.86	ng		95
54) Dibenzofuran	15.19	168	1632539	37.98	ng		99
55) 4-Nitrophenol	15.01	139	259127	35.09	ng		92
56) 2,4-Dinitrotoluene	15.16	165	487804	37.87	ng		97
57) Fluorene	15.85	166	1422777	38.46	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	461898	37.71	ng	#	99
59) Diethylphthalate	15.60	149	1475374	36.88	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	850013	37.73	ng		99
61) 4-Nitroaniline	15.87	138	358129	37.57	ng	#	86
62) Azobenzene	16.13	77	1505298	39.34	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	315768	37.71	ng		96
65) n-Nitrosodiphenylamine	16.05	169	1318240	40.61	ng		95
66) 4-Bromophenyl-phenylether	16.73	248	583985	39.84	ng		95
67) Hexachlorobenzene	16.85	284	628031	39.40	ng		98
68) Atrazine	17.00	200	557263	38.70	ng		95
69) Pentachlorophenol	17.20	266	392532	38.03	ng		99
70) Phenanthrene	17.60	178	2164304	39.20	ng		94
71) Anthracene	17.69	178	2180999	39.01	ng		96
72) Carbazole	17.96	167	1897271	39.27	ng		99
73) Di-n-butylphthalate	18.50	149	2215153	41.23	ng		99
74) Fluoranthene	19.61	202	2535083	37.41	ng		95
76) Benzidine	19.78	184	1274650	36.04	ng		100
77) Pyrene	19.97	202	2602030	37.53	ng		97
79) Butylbenzylphthalate	20.84	149	1118780	40.74	ng		93
80) Benzo(a)anthracene	21.83	228	2696427	39.07	ng		98
81) 3,3'-Dichlorobenzidine	21.74	252	1188285	39.22	ng		97
82) Chrysene	21.90	228	2539585	39.23	ng		93
83) Bis(2-ethylhexyl)phthalate	21.71	149	1531149	40.16	ng		97
84) Di-n-octyl phthalate	22.96	149	2557550	40.22	ng		100
85) Indeno(1,2,3-cd)pyrene	29.06	276	3216867	38.97	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	2907396	39.84	ng	#	95
88) Benzo(k)fluoranthene	24.21	252	2753280	39.76	ng	#	95
89) Benzo(a)pyrene	25.05	252	2809271	40.16	ng	#	98
90) Dibenzo(a,h)anthracene	29.13	278	2801925	40.36	ng	#	96
91) Benzo(g,h,i)perylene	30.27	276	2801828	40.30	ng	#	95

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

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