Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023001.D
Acq On : 11 Jul 2016 13:01
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 12 03:48:35 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	140181	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	674839	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	515998	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1148844	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1244626	20.00	ng		0.02
86) Perylene-d12	25.24	264	1270335	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	643666	75.10	ng		0.00
7) Phenol-d6	7.31	99	1084110	80.76	ng		0.00
23) Nitrobenzene-d5	9.33	82	1244108	78.94	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	615430	66.36	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2481292	75.74	ng		0.00
78) Terphenyl-d14	20.16	244	3115143	76.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	124620	37.41	ng		96
3) Pyridine	3.97	79	439522	38.55	ng		98
4) n-Nitrosodimethylamine	3.89	42	196627	40.20	ng	#	94
6) Aniline	7.48	93	747023	40.15	ng		98
8) 2-Chlorophenol	7.72	128	372941	40.89	ng		98
9) Benzaldehyde	7.29	77	347518	38.74	ng		94
10) Phenol	7.34	94	570928	41.33	ng		94
11) bis(2-Chloroethyl)ether	7.57	93	426453	38.95	ng		97
12) 1,3-Dichlorobenzene	8.05	146	435257	38.98	ng		96
13) 1,4-Dichlorobenzene	8.19	146	438032	39.19	ng		97
14) 1,2-Dichlorobenzene	8.52	146	437671	39.39	ng		97
15) Benzyl Alcohol	8.40	79	508642	41.37	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	538573	40.27	ng		94
17) 2-Methylphenol	8.60	107	364411	40.53	ng		93
18) Hexachloroethane	9.25	117	183590	38.91	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	475573	39.30	ng		98
20) 3+4-Methylphenols	8.93	107	525809	41.93	ng		96
22) Acetophenone	8.99	105	766920	37.87	ng	#	94
24) Nitrobenzene	9.37	77	666770	39.81	ng		96
25) Isophorone	9.90	82	1193315	37.65	ng		96
26) 2-Nitrophenol	10.09	139	258320	39.31	ng		90
27) 2,4-Dimethylphenol	10.14	122	421294	37.09	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	668272	37.80	ng		98
29) 2,4-Dichlorophenol	10.63	162	490375	40.48	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	539786	38.88	ng		99
31) Naphthalene	11.04	128	1374347	40.01	ng		100
32) Benzoic acid	10.30	122	407212	39.41	ng		91
33) 4-Chloroaniline	11.15	127	656605	39.08	ng		98
34) Hexachlorobutadiene	11.31	225	422310	37.53	ng		97
35) Caprolactam	11.94	113	175086	35.13	ng		96
36) 4-Chloro-3-methylphenol	12.26	107	648008	39.11	ng		100
37) 2-Methylnaphthalene	12.63	142	1091576	40.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	882799	39.70	ng		97
40) Hexachlorocyclopentadiene	12.97	237	401239	31.34	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	506131	39.60	ng		94
43) 2,4,5-Trichlorophenol	13.31	196	503595	38.37	ng		95
45) 1,1'-Biphenyl	13.63	154	1534922	39.65	ng		96
46) 2-Chloronaphthalene	13.68	162	1253873	39.92	ng		95
47) 2-Nitroaniline	13.89	65	529350	39.50	ng		95
48) Acenaphthylene	14.53	152	1819491	38.62	ng		96
49) Dimethylphthalate	14.25	163	1517546	36.00	ng		98
50) 2,6-Dinitrotoluene	14.37	165	359026	37.90	ng		90
51) Acenaphthene	14.87	154	1192823	38.75	ng		99
52) 3-Nitroaniline	14.71	138	345738	36.60	ng		98
53) 2,4-Dinitrophenol	14.91	184	198287	30.51	ng		93
54) Dibenzofuran	15.20	168	1702492	36.95	ng		97
55) 4-Nitrophenol	15.02	139	277587	35.06	ng		94
56) 2,4-Dinitrotoluene	15.16	165	500153	36.22	ng	#	96
57) Fluorene	15.85	166	1460550	36.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	464804	35.40	ng		99
59) Diethylphthalate	15.60	149	1519124	35.42	ng		95
60) 4-Chlorophenyl-phenylether	15.84	204	871029	36.06	ng		96
61) 4-Nitroaniline	15.88	138	368570	36.06	ng	#	84
62) Azobenzene	16.13	77	1572623	38.34	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	297956	34.90	ng		96
65) n-Nitrosodiphenylamine	16.05	169	1379251	41.67	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	596239	39.89	ng		91
67) Hexachlorobenzene	16.85	284	649523	39.97	ng		98
68) Atrazine	17.00	200	565009	38.48	ng		98
69) Pentachlorophenol	17.21	266	395115	37.54	ng		95
70) Phenanthrene	17.60	178	2200148	39.08	ng		95
71) Anthracene	17.69	178	2237482	39.25	ng		96
72) Carbazole	17.96	167	1930871	39.20	ng		100
73) Di-n-butylphthalate	18.50	149	2250812	41.09	ng		98
74) Fluoranthene	19.61	202	2590101	37.49	ng		97
76) Benzidine	19.78	184	1499958	42.04	ng		99
77) Pyrene	19.97	202	2631009	37.62	ng		98
79) Butylbenzylphthalate	20.84	149	1136860	41.04	ng		97
80) Benzo(a)anthracene	21.84	228	2745679	39.43	ng		99
81) 3,3'-Dichlorobenzidine	21.75	252	1180566	38.62	ng		97
82) Chrysene	21.91	228	2600869	39.82	ng		94
83) Bis(2-ethylhexyl)phthalate	21.72	149	1560044	40.55	ng		98
84) Di-n-octyl phthalate	22.99	149	2593203	40.42	ng		100
85) Indeno(1,2,3-cd)pyrene	29.12	276	3235524	38.85	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2977471	40.63	ng		98
88) Benzo(k)fluoranthene	24.24	252	2788315	40.09	ng	#	96
89) Benzo(a)pyrene	25.08	252	2852931	40.61	ng	#	96
90) Dibenzo(a,h)anthracene	29.19	278	2768484	39.70	ng	#	94
91) Benzo(g,h,i)perylene	30.34	276	2773200	39.71	ng	#	94

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

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