Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022614.D
Acq On : 26 Jun 2016 17:24
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 27 01:11:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	156516	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	654530	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	470205	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1203258	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1351706	20.00	ng		0.00
86) Perylene-d12	25.22	264	1435269	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	745900	76.44	ng		0.00
7) Phenol-d6	7.31	99	1098316	79.85	ng		0.00
23) Nitrobenzene-d5	9.33	82	1212058	78.38	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	637096	86.14	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2270341	76.57	ng		0.00
78) Terphenyl-d14	20.16	244	3269914	64.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	151123	38.21	ng		96
3) Pyridine	3.99	79	490111	44.30	ng		97
4) n-Nitrosodimethylamine	3.90	42	235041	37.14	ng		99
6) Aniline	7.48	93	772454	42.36	ng		97
8) 2-Chlorophenol	7.72	128	395240	39.10	ng		97
9) Benzaldehyde	7.29	77	223957	46.27	ng		94
10) Phenol	7.34	94	584342	40.20	ng		94
11) bis(2-Chloroethyl)ether	7.58	93	445909	37.26	ng		94
12) 1,3-Dichlorobenzene	8.05	146	465062	37.81	ng		96
13) 1,4-Dichlorobenzene	8.20	146	468084	37.96	ng		97
14) 1,2-Dichlorobenzene	8.52	146	450400	38.41	ng		96
15) Benzyl Alcohol	8.40	79	541504	42.55	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	501326	37.88	ng		99
17) 2-Methylphenol	8.60	107	380870	39.75	ng		93
18) Hexachloroethane	9.26	117	197434	38.68	ng		95
19) n-Nitroso-di-n-propylamine	8.97	70	452197	39.48	ng		94
20) 3+4-Methylphenols	8.93	107	533811	40.44	ng		96
22) Acetophenone	8.99	105	740107	39.11	ng	#	94
24) Nitrobenzene	9.38	77	659767	38.60	ng	#	92
25) Isophorone	9.90	82	1161368	38.69	ng		99
26) 2-Nitrophenol	10.09	139	250505	40.69	ng		93
27) 2,4-Dimethylphenol	10.14	122	439029	37.32	ng		90
28) bis(2-Chloroethoxy)methane	10.38	93	632101	38.56	ng		99
29) 2,4-Dichlorophenol	10.63	162	471687	41.16	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	519017	38.14	ng		96
31) Naphthalene	11.04	128	1262793	38.38	ng		98
32) Benzoic acid	10.28	122	317068	41.96	ng		96
33) 4-Chloroaniline	11.14	127	613563	43.30	ng		97
34) Hexachlorobutadiene	11.32	225	419093	39.62	ng		97
35) Caprolactam	11.93	113	165341	45.80	ng		95
36) 4-Chloro-3-methylphenol	12.25	107	577626	41.06	ng		96
37) 2-Methylnaphthalene	12.63	142	988120	38.73	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	670098	37.75	ng		99
40) Hexachlorocyclopentadiene	12.98	237	503090	35.50	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	456247	40.08	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	498727	41.87	ng		94
45) 1,1'-Biphenyl	13.63	154	1345264	37.56	ng		98
46) 2-Chloronaphthalene	13.68	162	1130777	38.37	ng		97
47) 2-Nitroaniline	13.87	65	462131	40.62	ng		95
48) Acenaphthylene	14.52	152	1648342	38.56	ng		97
49) Dimethylphthalate	14.25	163	1497784	38.40	ng		99
50) 2,6-Dinitrotoluene	14.37	165	350336	41.33	ng		91
51) Acenaphthene	14.86	154	1118100	35.50	ng		99
52) 3-Nitroaniline	14.70	138	337589	42.57	ng		91
53) 2,4-Dinitrophenol	14.90	184	223418	42.80	ng		97
54) Dibenzofuran	15.20	168	1741736	38.19	ng		97
55) 4-Nitrophenol	15.00	139	286577	42.73	ng		98
56) 2,4-Dinitrotoluene	15.16	165	506934	43.18	ng	#	92
57) Fluorene	15.85	166	1418578	38.98	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	525116	42.52	ng		98
59) Diethylphthalate	15.61	149	1550600	38.67	ng		95
60) 4-Chlorophenyl-phenylether	15.84	204	854810	39.45	ng		94
61) 4-Nitroaniline	15.87	138	350033	42.78	ng		100
62) Azobenzene	16.13	77	1661424	38.26	ng		94
64) 4,6-Dinitro-2-methylphenol	15.92	198	338656	41.97	ng		96
65) n-Nitrosodiphenylamine	16.05	169	1346288	38.45	ng		95
66) 4-Bromophenyl-phenylether	16.74	248	592880	37.98	ng		97
67) Hexachlorobenzene	16.85	284	634198	38.42	ng		98
68) Atrazine	17.00	200	606136	41.00	ng		98
69) Pentachlorophenol	17.20	266	456791	40.21	ng		97
70) Phenanthrene	17.60	178	2329619	37.97	ng		96
71) Anthracene	17.69	178	2367794	37.49	ng		94
72) Carbazole	17.96	167	2067513	38.62	ng	#	97
73) Di-n-butylphthalate	18.51	149	2391956	38.37	ng		97
74) Fluoranthene	19.60	202	2705891	38.28	ng		95
76) Benzidine	19.78	184	736020	51.14	ng		99
77) Pyrene	19.97	202	2718184	37.75	ng		93
79) Butylbenzylphthalate	20.84	149	1206284	38.71	ng		95
80) Benzo(a)anthracene	21.83	228	2899299	38.76	ng		98
81) 3,3'-Dichlorobenzidine	21.74	252	1171861	37.93	ng		96
82) Chrysene	21.91	228	2760131	39.27	ng		93
83) Bis(2-ethylhexyl)phthalate	21.72	149	1618627	36.89	ng		98
84) Di-n-octyl phthalate	22.99	149	2728138	37.72	ng		99
85) Indeno(1,2,3-cd)pyrene	29.07	276	3736900	40.46	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	3246292	37.62	ng		96
88) Benzo(k)fluoranthene	24.22	252	3077226	37.72	ng	#	95
89) Benzo(a)pyrene	25.06	252	3163813	37.60	ng	#	97
90) Dibenzo(a,h)anthracene	29.14	278	3075261	38.83	ng	#	95
91) Benzo(g,h,i)perylene	30.28	276	3062220	37.98	ng	#	98

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

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