Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
Data File : BG031289.D
Acq On : 30 Nov 2017 16:00
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 01 03:13:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	64444	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	282311	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	185687	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	462313	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	506622	20.00	ng		-0.01
86) Perylene-d12	25.07	264	503672	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	305394	81.26	ng		-0.02
7) Phenol-d6	7.29	99	412711	81.51	ng		-0.01
23) Nitrobenzene-d5	9.30	82	373138	78.32	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	207245	68.99	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	1062249	82.20	ng		-0.02
78) Terphenyl-d14	20.09	244	1792134	78.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	62403	40.917	ng	#	79
3) Pyridine	3.95	79	179200	40.473	ng		87
4) n-Nitrosodimethylamine	3.86	42	77620	36.990	ng	#	84
6) Aniline	7.45	93	261849	39.297	ng		93
8) 2-Chlorophenol	7.69	128	169147	40.784	ng		88
9) Benzaldehyde	7.27	77	117024	33.029	ng		88
10) Phenol	7.32	94	209484	39.841	ng		90
11) bis(2-Chloroethyl)ether	7.54	93	172042	40.979	ng		88
12) 1,3-Dichlorobenzene	8.02	146	193497	39.765	ng		96
13) 1,4-Dichlorobenzene	8.16	146	199951	40.550	ng		94
14) 1,2-Dichlorobenzene	8.49	146	193091	40.799	ng		97
15) Benzyl Alcohol	8.37	79	148320	36.521	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	168261	36.284	ng		92
17) 2-Methylphenol	8.58	107	142049	38.795	ng		95
18) Hexachloroethane	9.22	117	67825	39.521	ng		88
19) n-Nitroso-di-n-propylamine	8.93	70	142927	37.127	ng	#	92
20) 3+4-Methylphenols	8.90	107	203849	39.153	ng		97
22) Acetophenone	8.95	105	281623	40.064	ng	#	92
24) Nitrobenzene	9.34	77	189799	39.000	ng	#	88
25) Isophorone	9.86	82	347759	37.428	ng	#	91
26) 2-Nitrophenol	10.06	139	106173	41.854	ng	#	84
27) 2,4-Dimethylphenol	10.11	122	153837	40.849	ng		90
28) bis(2-Chloroethoxy)methane	10.34	93	233008	39.817	ng		96
29) 2,4-Dichlorophenol	10.60	162	184304	40.755	ng		94
30) 1,2,4-Trichlorobenzene	10.81	180	224833	41.642	ng		99
31) Naphthalene	11.00	128	559249	40.297	ng		99
32) Benzoic acid	10.27	122	94880	32.343	ng	#	81
33) 4-Chloroaniline	11.10	127	247399	40.722	ng		93
34) Hexachlorobutadiene	11.27	225	147373	39.358	ng		94
35) Caprolactam	11.88	113	66273	35.874	ng	#	68
36) 4-Chloro-3-methylphenol	12.22	107	192338	39.078	ng	#	86
37) 2-Methylnaphthalene	12.59	142	433262	40.441	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	314777	42.712	ng	#	96
40) Hexachlorocyclopentadiene	12.93	237	106667	44.578	ng		94

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	173344	41.144 ng		98
43) 2,4,5-Trichlorophenol	13.28	196	185496	40.241 ng	#	93
45) 1,1'-Biphenyl	13.59	154	644636	41.866 ng		97
46) 2-Chloronaphthalene	13.63	162	464983	41.854 ng		95
47) 2-Nitroaniline	13.84	65	125738	38.185 ng	#	77
48) Acenaphthylene	14.48	152	746857	41.074 ng		99
49) Dimethylphthalate	14.20	163	643589	40.086 ng		98
50) 2,6-Dinitrotoluene	14.33	165	139615	42.190 ng	#	75
51) Acenaphthene	14.82	154	472478	41.606 ng		99
52) 3-Nitroaniline	14.66	138	141002	40.128 ng	#	76
53) 2,4-Dinitrophenol	14.88	184	57473	35.120 ng	#	50
54) Dibenzofuran	15.15	168	746932	41.294 ng		99
55) 4-Nitrophenol	14.99	139	91075	36.386 ng	#	77
56) 2,4-Dinitrotoluene	15.12	165	198251	41.440 ng	#	71
57) Fluorene	15.80	166	602081	40.999 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	175430	39.931 ng	#	89
59) Diethylphthalate	15.55	149	644531	39.521 ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	368027	41.496 ng		92
61) 4-Nitroaniline	15.83	138	148909	40.021 ng		83
62) Azobenzene	16.07	77	485691	39.050 ng		91
64) 4,6-Dinitro-2-methylphenol	15.88	198	128034	41.665 ng	#	77
65) n-Nitrosodiphenylamine	16.00	169	586460	41.862 ng		98
66) 4-Bromophenyl-phenylether	16.67	248	233786	39.927 ng		99
67) Hexachlorobenzene	16.81	284	239722	38.530 ng		94
68) Atrazine	16.94	200	224267	38.800 ng		99
69) Pentachlorophenol	17.15	266	118631	34.494 ng		95
70) Phenanthrene	17.54	178	997064	41.421 ng		99
71) Anthracene	17.63	178	1004117	41.631 ng		99
72) Carbazole	17.90	167	922782	40.831 ng		98
73) Di-n-butylphthalate	18.43	149	1087519	39.192 ng		99
74) Fluoranthene	19.54	202	1265341	41.517 ng		97
76) Benzidine	19.71	184	491910	30.227 ng		98
77) Pyrene	19.90	202	1296268	43.119 ng		98
79) Butylbenzylphthalate	20.76	149	500660	41.768 ng		85
80) Benzo(a)anthracene	21.75	228	1271145	40.393 ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	485025	38.182 ng		96
82) Chrysene	21.82	228	1194830	41.045 ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	697258	40.298 ng		100
84) Di-n-octyl phthalate	22.85	149	1192052	42.329 ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1387038	39.194 ng	#	79
87) Benzo(b)fluoranthene	24.02	252	1274467	41.831 ng		99
88) Benzo(k)fluoranthene	24.09	252	1264658	41.878 ng		98
89) Benzo(a)pyrene	24.92	252	1204636	41.621 ng		99
90) Dibenzo(a,h)anthracene	28.92	278	1179335	39.865 ng		98
91) Benzo(g,h,i)perylene	30.05	276	1141155	39.744 ng		97

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

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