Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
Data File : BG029401.D
Acq On : 23 Oct 2017 16:14
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 24 05:50:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	52709	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	238021	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	163838	20.00	ng		-0.01
63) Phenanthrene-d10	17.52	188	428091	20.00	ng		-0.01
75) Chrysene-d12	21.79	240	470765	20.00	ng		-0.01
86) Perylene-d12	25.09	264	478529	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	271516	86.05	ng		0.00
7) Phenol-d6	7.31	99	372252	84.05	ng		-0.01
23) Nitrobenzene-d5	9.33	82	321956	85.96	ng		-0.01
41) 2,4,6-Tribromophenol	16.27	330	203706	96.30	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	886916	79.40	ng		0.00
78) Terphenyl-d14	20.11	244	1680266	81.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	57363	44.809	ng	#	82
3) Pyridine	3.98	79	162285	43.532	ng		91
4) n-Nitrosodimethylamine	3.90	42	73743	42.317	ng	#	94
6) Aniline	7.48	93	225919	41.195	ng		96
8) 2-Chlorophenol	7.72	128	149175	41.248	ng		93
9) Benzaldehyde	7.30	77	86847	38.987	ng		91
10) Phenol	7.34	94	200239	41.938	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	147217	42.319	ng		93
12) 1,3-Dichlorobenzene	8.05	146	166164	40.924	ng		97
13) 1,4-Dichlorobenzene	8.20	146	171042	41.260	ng		98
14) 1,2-Dichlorobenzene	8.52	146	162399	40.615	ng		95
15) Benzyl Alcohol	8.39	79	130225	41.725	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.69	45	243681	41.247	ng		95
17) 2-Methylphenol	8.60	107	130644	41.190	ng		93
18) Hexachloroethane	9.26	117	58560	41.452	ng		100
19) n-Nitroso-di-n-propylamine	8.97	70	126455	41.993	ng	#	95
20) 3+4-Methylphenols	8.93	107	187927	42.050	ng		97
22) Acetophenone	8.99	105	245614	42.818	ng	#	94
24) Nitrobenzene	9.38	77	180282	42.808	ng		91
25) Isophorone	9.89	82	337841	43.206	ng	#	94
26) 2-Nitrophenol	10.09	139	90652	45.038	ng		88
27) 2,4-Dimethylphenol	10.14	122	157910	43.361	ng		91
28) bis(2-Chloroethoxy)methane	10.37	93	207789	43.337	ng		97
29) 2,4-Dichlorophenol	10.63	162	169216	43.574	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	177435	42.292	ng		96
31) Naphthalene	11.03	128	489036	41.225	ng		99
32) Benzoic acid	10.27	122	155906	51.129	ng	#	84
33) 4-Chloroaniline	11.13	127	217191	43.526	ng		96
34) Hexachlorobutadiene	11.32	225	114968	44.074	ng		98
35) Caprolactam	11.90	113	66225	51.312	ng	#	79
36) 4-Chloro-3-methylphenol	12.24	107	194544	45.548	ng	#	87
37) 2-Methylnaphthalene	12.62	142	361479	41.811	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	239228	39.993	ng		97
40) Hexachlorocyclopentadiene	12.97	237	101827	46.979	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	156982	41.805	ng		95
43) 2,4,5-Trichlorophenol	13.29	196	171452	44.459	ng		96
45) 1,1'-Biphenyl	13.62	154	555390	39.438	ng		97
46) 2-Chloronaphthalene	13.66	162	401849	39.121	ng		97
47) 2-Nitroaniline	13.86	65	127674	45.252	ng	#	82
48) Acenaphthylene	14.50	152	647148	40.256	ng		98
49) Dimethylphthalate	14.23	163	574641	44.953	ng		100
50) 2,6-Dinitrotoluene	14.35	165	125407	46.798	ng	#	81
51) Acenaphthene	14.85	154	424416	40.577	ng		98
52) 3-Nitroaniline	14.68	138	136073	47.058	ng	#	82
53) 2,4-Dinitrophenol	14.89	184	45529	34.927	ng	#	52
54) Dibenzofuran	15.18	168	622826	41.711	ng		100
55) 4-Nitrophenol	14.98	139	110176	46.216	ng	#	83
56) 2,4-Dinitrotoluene	15.13	165	183718	50.645	ng	#	79
57) Fluorene	15.83	166	525337	42.589	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.40	232	154706	48.084	ng		96
59) Diethylphthalate	15.59	149	583202	45.779	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	295688	44.960	ng		96
61) 4-Nitroaniline	15.84	138	139240	46.895	ng		89
62) Azobenzene	16.10	77	459630	42.785	ng		98
64) 4,6-Dinitro-2-methylphenol	15.90	198	103958	43.255	ng		86
65) n-Nitrosodiphenylamine	16.03	169	498630	38.883	ng		99
66) 4-Bromophenyl-phenylether	16.71	248	196721	40.047	ng		99
67) Hexachlorobenzene	16.83	284	225253	40.482	ng		94
68) Atrazine	16.97	200	201833	44.110	ng		97
69) Pentachlorophenol	17.17	266	137182	42.918	ng		99
70) Phenanthrene	17.57	178	904099	40.881	ng		98
71) Anthracene	17.65	178	917657	41.324	ng		99
72) Carbazole	17.92	167	901476	42.259	ng		99
73) Di-n-butylphthalate	18.46	149	1054692	42.988	ng		99
74) Fluoranthene	19.56	202	1130044	43.687	ng		97
76) Benzidine	19.73	184	510214	35.895	ng		98
77) Pyrene	19.92	202	1163396	40.739	ng		97
79) Butylbenzylphthalate	20.79	149	493571	40.568	ng		89
80) Benzo(a)anthracene	21.77	228	1175132	42.516	ng		98
81) 3,3'-Dichlorobenzidine	21.68	252	456482	40.013	ng		99
82) Chrysene	21.84	228	1119251	42.284	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	706852	40.482	ng		98
84) Di-n-octyl phthalate	22.90	149	1228853	40.381	ng		97
85) Indeno(1,2,3-cd)pyrene	28.88	276	1415781	43.476	ng		98
87) Benzo(b)fluoranthene	24.05	252	1167207	42.605	ng		99
88) Benzo(k)fluoranthene	24.12	252	1187440	43.506	ng		100
89) Benzo(a)pyrene	24.95	252	1131450	42.960	ng		98
90) Dibenzo(a,h)anthracene	28.95	278	1160920	43.539	ng		97
91) Benzo(g,h,i)perylene	30.06	276	1159579	46.805	ng		97

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

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