Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110216\
Data File : BG024628.D
Acq On : 2 Nov 2016 16:43
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 03 03:13:47 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	104805	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	408353	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	310734	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	662080	20.00	ng		0.00
75) Chrysene-d12	21.92	240	938420	20.00	ng		0.00
86) Perylene-d12	25.35	264	1003929	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	511447	79.98	ng		0.00
7) Phenol-d6	7.40	99	710847	81.04	ng		0.00
23) Nitrobenzene-d5	9.44	82	728893	81.27	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	367787	79.23	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1519976	81.30	ng		0.00
78) Terphenyl-d14	20.21	244	2498592	79.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	105453	40.37	ng		91
3) Pyridine	4.08	79	324910	41.54	ng		88
4) n-Nitrosodimethylamine	3.99	42	155297	38.35	ng		88
6) Aniline	7.59	93	432466	38.92	ng		99
8) 2-Chlorophenol	7.83	128	265214	40.79	ng		88
9) Benzaldehyde	7.40	77	212423	39.19	ng		97
10) Phenol	7.43	94	363679	40.22	ng		95
11) bis(2-Chloroethyl)ether	7.68	93	271887	40.03	ng		84
12) 1,3-Dichlorobenzene	8.16	146	319152	39.65	ng		95
13) 1,4-Dichlorobenzene	8.31	146	326658	41.09	ng		94
14) 1,2-Dichlorobenzene	8.63	146	295676	38.68	ng		98
15) Benzyl Alcohol	8.50	79	327243	40.10	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.78	45	492831	39.10	ng		95
17) 2-Methylphenol	8.70	107	234844	39.20	ng		97
18) Hexachloroethane	9.36	117	125896	41.20	ng		94
19) n-Nitroso-di-n-propylamine	9.07	70	254970	39.44	ng		88
20) 3+4-Methylphenols	9.02	107	333865	41.50	ng		92
22) Acetophenone	9.10	105	420873	40.12	ng	#	93
24) Nitrobenzene	9.49	77	416173	41.71	ng	#	95
25) Isophorone	10.00	82	646434	38.75	ng		99
26) 2-Nitrophenol	10.20	139	152462	41.17	ng		98
27) 2,4-Dimethylphenol	10.24	122	272598	42.05	ng		97
28) bis(2-Chloroethoxy)methane	10.48	93	341909	39.61	ng		99
29) 2,4-Dichlorophenol	10.73	162	276646	40.65	ng		93
30) 1,2,4-Trichlorobenzene	10.95	180	337183	41.77	ng		95
31) Naphthalene	11.15	128	832311	40.86	ng		97
32) Benzoic acid	10.35	122	132861	24.61	ng		94
33) 4-Chloroaniline	11.25	127	361750	40.90	ng		93
34) Hexachlorobutadiene	11.41	225	260340	41.21	ng		97
35) Caprolactam	12.02	113	97711	39.22	ng		90
36) 4-Chloro-3-methylphenol	12.34	107	324509	39.50	ng		99
37) 2-Methylnaphthalene	12.73	142	601770	40.49	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	424346	40.49	ng		97
40) Hexachlorocyclopentadiene	13.06	237	218973	37.10	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	256320	40.69	ng		97
43) 2,4,5-Trichlorophenol	13.39	196	273653	40.18	ng	#	91
45) 1,1'-Biphenyl	13.72	154	869380	40.32	ng		94
46) 2-Chloronaphthalene	13.77	162	660179	40.21	ng		98
47) 2-Nitroaniline	13.97	65	259501	38.60	ng		89
48) Acenaphthylene	14.61	152	997450	39.61	ng		98
49) Dimethylphthalate	14.33	163	863220	39.13	ng		96
50) 2,6-Dinitrotoluene	14.45	165	191454	40.65	ng	#	85
51) Acenaphthene	14.95	154	655091	34.90	ng		98
52) 3-Nitroaniline	14.79	138	190209	39.03	ng		99
53) 2,4-Dinitrophenol	14.99	184	131331	38.48	ng		96
54) Dibenzofuran	15.28	168	991815	38.22	ng		96
55) 4-Nitrophenol	15.07	139	153641	36.19	ng		91
56) 2,4-Dinitrotoluene	15.24	165	260915	38.13	ng	#	99
57) Fluorene	15.92	166	828147	38.48	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	262761	37.21	ng		95
59) Diethylphthalate	15.68	149	847122	36.63	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	486776	40.31	ng		87
61) 4-Nitroaniline	15.95	138	203474	38.22	ng		89
62) Azobenzene	16.20	77	851886	36.93	ng		97
64) 4,6-Dinitro-2-methylphenol	15.99	198	174129	38.17	ng		97
65) n-Nitrosodiphenylamine	16.12	169	731651	40.42	ng		98
66) 4-Bromophenyl-phenylether	16.80	248	332413	41.36	ng		96
67) Hexachlorobenzene	16.92	284	371809	41.87	ng	#	89
68) Atrazine	17.06	200	296028	38.13	ng		93
69) Pentachlorophenol	17.27	266	278025	47.44	ng		95
70) Phenanthrene	17.67	178	1341899	39.76	ng		97
71) Anthracene	17.76	178	1359191	39.92	ng		97
72) Carbazole	18.03	167	1251724	40.31	ng		97
73) Di-n-butylphthalate	18.56	149	1426776	39.85	ng		96
74) Fluoranthene	19.66	202	1780941	41.75	ng		96
76) Benzidine	19.84	184	1169104	52.88	ng		99
77) Pyrene	20.02	202	1818623	39.64	ng		100
79) Butylbenzylphthalate	20.88	149	766168	40.06	ng		98
80) Benzo(a)anthracene	21.90	228	2077483	40.30	ng		98
81) 3,3'-Dichlorobenzidine	21.80	252	827901	39.81	ng		99
82) Chrysene	21.97	228	1998411	40.70	ng		98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1079730	39.47	ng		99
84) Di-n-octyl phthalate	23.03	149	1848036	40.70	ng		94
85) Indeno(1,2,3-cd)pyrene	29.28	276	2629109	38.79	ng	#	98
87) Benzo(b)fluoranthene	24.25	252	2167523m	39.94	ng		
88) Benzo(k)fluoranthene	24.33	252	2124703	40.54	ng		96
89) Benzo(a)pyrene	25.18	252	2101940	39.64	ng		99
90) Dibenzo(a,h)anthracene	29.35	278	2278636	39.15	ng	#	98
91) Benzo(g,h,i)perylene	30.54	276	2197280	37.79	ng		100

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

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