Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111017\
Data File : BG030905.D
Acq On : 10 Nov 2017 13:02
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Nov 10 13:51:09 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 13:42:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44279	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	205808	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	142010	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	356057	20.00	ng		0.00
75) Chrysene-d12	21.80	240	390078	20.00	ng		0.01
86) Perylene-d12	25.13	264	395771	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	211805	79.91	ng		0.00
7) Phenol-d6	7.31	99	290126	77.98	ng		0.00
23) Nitrobenzene-d5	9.32	82	284791	87.93	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	184958	100.88	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	796214	82.23	ng		0.00
78) Terphenyl-d14	20.11	244	1437392	83.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	41736	38.809	ng		86
3) Pyridine	3.97	79	127685	40.771	ng		91
4) n-Nitrosodimethylamine	3.88	42	59620	40.726	ng	#	93
6) Aniline	7.47	93	188715	40.962	ng		94
8) 2-Chlorophenol	7.71	128	117210	38.579	ng		90
9) Benzaldehyde	7.28	77	100163	53.525	ng		91
10) Phenol	7.34	94	150042	37.407	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	118485	40.545	ng		91
12) 1,3-Dichlorobenzene	8.04	146	135196	39.636	ng		98
13) 1,4-Dichlorobenzene	8.18	146	137401	39.455	ng		95
14) 1,2-Dichlorobenzene	8.50	146	133151	39.640	ng		99
15) Benzyl Alcohol	8.38	79	116873	44.576	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.67	45	129749	26.144	ng		93
17) 2-Methylphenol	8.60	107	104693	39.292	ng		95
18) Hexachloroethane	9.24	117	48755	41.082	ng		93
19) n-Nitroso-di-n-propylamine	8.95	70	111535	44.090	ng	#	97
20) 3+4-Methylphenols	8.92	107	149568	39.839	ng		98
22) Acetophenone	8.97	105	211940	42.731	ng	#	94
24) Nitrobenzene	9.36	77	146511	40.234	ng		92
25) Isophorone	9.88	82	277077	40.981	ng	#	93
26) 2-Nitrophenol	10.07	139	75989	43.662	ng		89
27) 2,4-Dimethylphenol	10.13	122	113565	36.065	ng		94
28) bis(2-Chloroethoxy)methane	10.35	93	175111	42.238	ng		96
29) 2,4-Dichlorophenol	10.62	162	139168	41.445	ng		91
30) 1,2,4-Trichlorobenzene	10.82	180	160975	44.374	ng		98
31) Naphthalene	11.02	128	407323	39.711	ng		98
32) Benzoic acid	10.28	122	87710	33.267	ng		89
33) 4-Chloroaniline	11.12	127	184812	42.834	ng		96
34) Hexachlorobutadiene	11.29	225	108883	48.274	ng		95
35) Caprolactam	11.89	113	53173	47.648	ng	#	71
36) 4-Chloro-3-methylphenol	12.24	107	147760	40.009	ng		90
37) 2-Methylnaphthalene	12.61	142	315341	42.183	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	228389	44.050	ng	#	97
40) Hexachlorocyclopentadiene	12.95	237	65670	37.492	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	133862	41.128	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	143592	42.958	ng	#	94
45) 1,1'-Biphenyl	13.61	154	474154	38.845	ng		95
46) 2-Chloronaphthalene	13.65	162	345981	38.859	ng		96
47) 2-Nitroaniline	13.85	65	102635	41.969	ng	#	84
48) Acenaphthylene	14.49	152	561381	40.288	ng		100
49) Dimethylphthalate	14.22	163	492047	44.408	ng		99
50) 2,6-Dinitrotoluene	14.34	165	105443	45.397	ng	#	80
51) Acenaphthene	14.84	154	349849	38.589	ng		98
52) 3-Nitroaniline	14.68	138	110985	44.281	ng	#	79
53) 2,4-Dinitrophenol	14.89	184	51447	47.508	ng	#	49
54) Dibenzofuran	15.16	168	563365	43.528	ng		98
55) 4-Nitrophenol	14.99	139	77635	37.572	ng	#	82
56) 2,4-Dinitrotoluene	15.13	165	150230	47.779	ng	#	78
57) Fluorene	15.82	166	449062	42.001	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	135431	48.564	ng	#	90
59) Diethylphthalate	15.57	149	493759	44.715	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	273357	47.953	ng		92
61) 4-Nitroaniline	15.83	138	114410	44.455	ng		93
62) Azobenzene	16.09	77	382105	41.035	ng		93
64) 4,6-Dinitro-2-methylphenol	15.90	198	96705	51.600	ng		79
65) n-Nitrosodiphenylamine	16.02	169	437681	41.035	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	185496	45.401	ng		97
67) Hexachlorobenzene	16.82	284	195351	42.211	ng		93
68) Atrazine	16.96	200	176082	46.267	ng		99
69) Pentachlorophenol	17.17	266	106763	40.158	ng		97
70) Phenanthrene	17.56	178	746715	40.595	ng		99
71) Anthracene	17.65	178	746913	40.439	ng		99
72) Carbazole	17.91	167	701266	39.525	ng		99
73) Di-n-butylphthalate	18.45	149	851906	41.748	ng		100
74) Fluoranthene	19.56	202	937348	43.569	ng		97
76) Benzidine	19.73	184	524902	44.567	ng		97
77) Pyrene	19.92	202	947263	40.032	ng		97
79) Butylbenzylphthalate	20.79	149	375010	37.198	ng		85
80) Benzo(a)anthracene	21.77	228	976817	42.651	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	398410	42.146	ng		97
82) Chrysene	21.84	228	904641	41.245	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	529611	36.605	ng	#	99
84) Di-n-octyl phthalate	22.90	149	866152	34.350	ng		95
85) Indeno(1,2,3-cd)pyrene	28.97	276	1105062	40.953	ng	#	87
87) Benzo(b)fluoranthene	24.07	252	961579	42.439	ng	#	97
88) Benzo(k)fluoranthene	24.14	252	952082	42.177	ng		98
89) Benzo(a)pyrene	24.97	252	909724	41.764	ng		98
90) Dibenzo(a,h)anthracene	29.02	278	931563	42.243	ng	#	95
91) Benzo(g,h,i)perylene	30.16	276	901716	44.008	ng	#	96

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

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