Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029272.D
Acq On : 16 Oct 2017 14:00
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Oct 16 15:04:03 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 15:02:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	68621	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	316416	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	197275	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	442449	20.00	ng		0.00
75) Chrysene-d12	21.81	240	461380	20.00	ng		0.00
86) Perylene-d12	25.12	264	481147	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	394922	87.60	ng		0.00
7) Phenol-d6	7.32	99	554210	82.48	ng		0.00
23) Nitrobenzene-d5	9.34	82	496776	102.48	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	255325	98.29	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1264063	92.60	ng		0.00
78) Terphenyl-d14	20.12	244	1893775	85.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	77332	41.020	ng		87
3) Pyridine	3.99	79	236117	45.353	ng		91
4) n-Nitrosodimethylamine	3.91	42	107753	45.419	ng	#	95
6) Aniline	7.49	93	343124	41.886	ng		95
8) 2-Chlorophenol	7.74	128	227001	45.772	ng		91
9) Benzaldehyde	7.30	77	133705	37.852	ng		92
10) Phenol	7.35	94	296384	41.487	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	217172	40.494	ng		96
12) 1,3-Dichlorobenzene	8.06	146	253056	46.326	ng		96
13) 1,4-Dichlorobenzene	8.21	146	257165	46.316	ng		95
14) 1,2-Dichlorobenzene	8.53	146	243971	45.075	ng		96
15) Benzyl Alcohol	8.41	79	199679	38.606	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.70	45	368085	37.050	ng		95
17) 2-Methylphenol	8.61	107	199923	43.247	ng		97
18) Hexachloroethane	9.26	117	89928	49.513	ng		94
19) n-Nitroso-di-n-propylamine	8.98	70	188890	38.697	ng	#	96
20) 3+4-Methylphenols	8.94	107	280934	42.956	ng		93
22) Acetophenone	8.99	105	365203	41.054	ng		96
24) Nitrobenzene	9.38	77	275542	50.652	ng		94
25) Isophorone	9.90	82	509668	37.096	ng	#	94
26) 2-Nitrophenol	10.10	139	137287	73.505	ng		91
27) 2,4-Dimethylphenol	10.15	122	236835	45.054	ng		91
28) bis(2-Chloroethoxy)methane	10.39	93	312266	41.368	ng		97
29) 2,4-Dichlorophenol	10.63	162	253201	50.430	ng		93
30) 1,2,4-Trichlorobenzene	10.85	180	268522	47.938	ng		99
31) Naphthalene	11.04	128	751918	45.002	ng		98
32) Benzoic acid	10.30	122	213417	65.451	ng	#	80
33) 4-Chloroaniline	11.14	127	322540	44.664	ng		95
34) Hexachlorobutadiene	11.33	225	165919	46.322	ng		97
35) Caprolactam	11.92	113	86392	43.622	ng		91
36) 4-Chloro-3-methylphenol	12.25	107	275217	40.887	ng	#	90
37) 2-Methylnaphthalene	12.64	142	556635	45.641	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	343521	49.451	ng		98
40) Hexachlorocyclopentadiene	12.98	237	126325	40.756	ng		91

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	221087	52.069 ng		99
43) 2,4,5-Trichlorophenol	13.31	196	229131	52.051 ng		97
45) 1,1'-Biphenyl	13.63	154	810814	46.620 ng		96
46) 2-Chloronaphthalene	13.68	162	592365	49.862 ng		97
47) 2-Nitroaniline	13.87	65	177845	58.462 ng	#	87
48) Acenaphthylene	14.52	152	928690	47.225 ng		99
49) Dimethylphthalate	14.24	163	752144	43.809 ng		98
50) 2,6-Dinitrotoluene	14.36	165	166241	62.112 ng		89
51) Acenaphthene	14.86	154	618727	47.333 ng		98
52) 3-Nitroaniline	14.69	138	176642	62.559 ng	#	82
53) 2,4-Dinitrophenol	14.89	184	81056	83.584 ng	#	55
54) Dibenzofuran	15.19	168	851867	44.887 ng		98
55) 4-Nitrophenol	14.99	139	149948	59.647 ng	#	81
56) 2,4-Dinitrotoluene	15.14	165	229610	67.557 ng	#	80
57) Fluorene	15.83	166	713264	42.081 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	192060	48.387 ng		97
59) Diethylphthalate	15.60	149	741102	42.326 ng		98
60) 4-Chlorophenyl-phenylether	15.82	204	380678	45.146 ng		98
61) 4-Nitroaniline	15.85	138	180160	59.265 ng		87
62) Azobenzene	16.11	77	630104	40.247 ng		98
64) 4,6-Dinitro-2-methylphenol	15.91	198	121818	82.498 ng		89
65) n-Nitrosodiphenylamine	16.03	169	643477	49.268 ng		99
66) 4-Bromophenyl-phenylether	16.71	248	249151	50.700 ng		98
67) Hexachlorobenzene	16.84	284	278396	52.694 ng		97
68) Atrazine	16.98	200	231311	45.327 ng		99
69) Pentachlorophenol	17.18	266	177888	54.214 ng		98
70) Phenanthrene	17.57	178	1101284	47.053 ng		97
71) Anthracene	17.67	178	1106681	46.392 ng		98
72) Carbazole	17.93	167	1063675	47.088 ng		97
73) Di-n-butylphthalate	18.48	149	1248492	47.826 ng		99
74) Fluoranthene	19.57	202	1299889	47.071 ng		96
76) Benzidine	19.74	184	633968	49.585 ng	#	96
77) Pyrene	19.93	202	1324865	43.984 ng		95
79) Butylbenzylphthalate	20.80	149	581292	49.364 ng		90
80) Benzo(a)anthracene	21.78	228	1299965	45.487 ng		98
81) 3,3'-Dichlorobenzidine	21.69	252	536451	49.186 ng		98
82) Chrysene	21.85	228	1234282	44.758 ng		95
83) Bis(2-ethylhexyl)phthalate	21.68	149	817173	46.919 ng		100
84) Di-n-octyl phthalate	22.92	149	1434335	47.074 ng		98
85) Indeno(1,2,3-cd)pyrene	28.92	276	1580266	46.355 ng	#	100
87) Benzo(b)fluoranthene	24.06	252	1323395	48.165 ng		98
88) Benzo(k)fluoranthene	24.13	252	1323691	49.477 ng		97
89) Benzo(a)pyrene	24.97	252	1274607	48.837 ng		98
90) Dibenzo(a,h)anthracene	28.99	278	1287126	49.639 ng		97
91) Benzo(g,h,i)perylene	30.12	276	1234469	47.530 ng		97

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

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