Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
Data File : BM009317.D
Acq On : 22 Mar 2017 14:36
Operator : SJ/MA
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: Mar 22 15:33:25 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 15:30:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	156533	20.00	ng		0.00
21) Naphthalene-d8	10.66	136	605053	20.00	ng		0.00
38) Acenaphthene-d10	14.50	164	355494	20.00	ng		0.00
63) Phenanthrene-d10	17.25	188	812214	20.00	ng		0.00
75) Chrysene-d12	21.43	240	1056055	20.00	ng		0.00
86) Perylene-d12	23.76	264	960017	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	934959	106.19	ng		0.00
7) Phenol-d6	7.02	99	1287236	105.29	ng		0.00
23) Nitrobenzene-d5	9.03	82	1658166	169.92	ng		0.00
41) 2,4,6-Tribromophenol	16.00	330	469097	132.13	ng		0.00
44) 2-Fluorobiphenyl	13.12	172	2996822	114.85	ng		0.00
78) Terphenyl-d14	19.87	244	5176517	115.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	230111	62.99	ng	#	100
3) Pyridine	3.76	79	676710	66.13	ng	#	81
4) n-Nitrosodimethylamine	3.68	42	351943	107.41	ng	#	68
6) Aniline	7.19	93	885288	55.01	ng	#	88
8) 2-Chlorophenol	7.42	128	487408	43.72	ng	#	80
9) Benzaldehyde	7.01	77	498253	83.11	ng	#	79
10) Phenol	7.05	94	709886	54.72	ng		91
11) bis(2-Chloroethyl)ether	7.29	93	561968	53.54	ng	#	82
12) 1,3-Dichlorobenzene	7.75	146	581628	47.49	ng	#	88
13) 1,4-Dichlorobenzene	7.90	146	590949	46.80	ng	#	92
14) 1,2-Dichlorobenzene	8.21	146	569782	47.25	ng	#	91
15) Benzyl Alcohol	8.10	79	572895	67.72	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.39	45	979256	87.34	ng		95
17) 2-Methylphenol	8.30	107	464863	51.25	ng	#	88
18) Hexachloroethane	8.93	117	246887	56.90	ng	#	91
19) n-Nitroso-di-n-propylamine	8.67	70	524169	65.36	ng		91
20) 3+4-Methylphenols	8.63	107	629458	50.16	ng		89
22) Acetophenone	8.69	105	873534	58.91	ng	#	90
24) Nitrobenzene	9.07	77	796468	75.49	ng	#	88
25) Isophorone	9.59	82	1274746	64.58	ng	#	89
26) 2-Nitrophenol	9.78	139	253183	47.44	ng	#	52
27) 2,4-Dimethylphenol	9.83	122	438496	47.19	ng	#	81
28) bis(2-Chloroethoxy)methane	10.07	93	767706	64.73	ng		99
29) 2,4-Dichlorophenol	10.30	162	483311	54.61	ng		95
30) 1,2,4-Trichlorobenzene	10.52	180	566642	57.34	ng		99
31) Naphthalene	10.71	128	1607175	50.76	ng		99
32) Benzoic acid	9.96	122	313502	52.83	ng	#	73
33) 4-Chloroaniline	10.82	127	634747	48.57	ng	#	79
34) Hexachlorobutadiene	10.98	225	393480	67.15	ng		94
35) Caprolactam	11.62	113	146315	50.00	ng	#	64
36) 4-Chloro-3-methylphenol	11.94	107	543363	54.44	ng	#	82
37) 2-Methylnaphthalene	12.32	142	1129354	52.00	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	680322	59.53	ng	#	100
40) Hexachlorocyclopentadiene	12.66	237	412370	64.69	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.93	196	404662	54.29	ng		95
43) 2,4,5-Trichlorophenol	13.00	196	444622	56.76	ng	#	88
45) 1,1'-Biphenyl	13.33	154	1505759	47.76	ng		96
46) 2-Chloronaphthalene	13.38	162	1163040	50.23	ng		96
47) 2-Nitroaniline	13.59	65	452578	78.80	ng	#	69
48) Acenaphthylene	14.23	152	1929698	49.98	ng		99
49) Dimethylphthalate	13.96	163	1398969	47.75	ng	#	98
50) 2,6-Dinitrotoluene	14.09	165	312830	51.18	ng	#	70
51) Acenaphthene	14.57	154	1137959	50.87	ng		98
52) 3-Nitroaniline	14.42	138	309570	49.49	ng	#	50
53) 2,4-Dinitrophenol	14.62	184	193399	65.75	ng		98
54) Dibenzofuran	14.90	168	1680491	52.01	ng		95
55) 4-Nitrophenol	14.72	139	251441	48.68	ng	#	32
56) 2,4-Dinitrotoluene	14.87	165	423564	53.41	ng	#	95
57) Fluorene	15.56	166	1521326	56.80	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.13	232	390159	64.79	ng	#	100
59) Diethylphthalate	15.32	149	1426043	49.58	ng		99
60) 4-Chlorophenyl-phenylether	15.54	204	788251	58.20	ng		99
61) 4-Nitroaniline	15.59	138	321173	50.28	ng	#	32
62) Azobenzene	15.84	77	1695301	75.19	ng		86
64) 4,6-Dinitro-2-methylphenol	15.63	198	273710	55.86	ng		87
65) n-Nitrosodiphenylamine	15.76	169	1253311	48.81	ng		99
66) 4-Bromophenyl-phenylether	16.44	248	488467	55.78	ng	#	89
67) Hexachlorobenzene	16.55	284	523627	55.65	ng	#	88
68) Atrazine	16.71	200	485372	60.61	ng		97
69) Pentachlorophenol	16.90	266	327368	60.95	ng		99
70) Phenanthrene	17.30	178	2351475	51.59	ng		99
71) Anthracene	17.39	178	2421828	53.48	ng		99
72) Carbazole	17.66	167	2337656	59.25	ng		99
73) Di-n-butylphthalate	18.21	149	2508469	54.39	ng	#	98
74) Fluoranthene	19.31	202	2870423	61.07	ng		100
76) Benzidine	19.50	184	1647039	48.68	ng		100
77) Pyrene	19.67	202	3019633	40.77	ng		99
79) Butylbenzylphthalate	20.56	149	1166932	40.91	ng	#	75
80) Benzo(a)anthracene	21.42	228	3065196	48.41	ng		98
81) 3,3'-Dichlorobenzidine	21.34	252	1213785	60.21	ng		99
82) Chrysene	21.47	228	2956036	48.51	ng		98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1724393	44.09	ng		98
84) Di-n-octyl phthalate	22.23	149	2927924	45.31	ng	#	92
85) Indeno(1,2,3-cd)pyrene	26.13	276	3281460	51.25	ng	#	100
87) Benzo(b)fluoranthene	23.05	252	3079744	52.78	ng	#	96
88) Benzo(k)fluoranthene	23.10	252	2981570	52.34	ng	#	97
89) Benzo(a)pyrene	23.66	252	2893921	52.72	ng		99
90) Dibenzo(a,h)anthracene	26.14	278	2818137	52.58	ng	#	95
91) Benzo(g,h,i)perylene	26.87	276	2760636	50.99	ng	#	92

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

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