Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
Data File : BM009898.D
Acq On : 05 May 2017 12:20
Operator : SJ/MA
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: May 05 13:13:01 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 13:10:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	100851	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	453654	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	282155	20.00	ng		0.00
63) Phenanthrene-d10	17.20	188	684251	20.00	ng		0.00
75) Chrysene-d12	21.39	240	863707	20.00	ng		0.00
86) Perylene-d12	23.69	264	830168	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	503060	83.14	ng		0.00
7) Phenol-d6	6.97	99	793056	96.12	ng		0.00
23) Nitrobenzene-d5	8.96	82	983834	81.31	ng		0.00
41) 2,4,6-Tribromophenol	15.94	330	316934	90.42	ng		0.00
44) 2-Fluorobiphenyl	13.05	172	1722357	73.55	ng		0.00
78) Terphenyl-d14	19.82	244	3384501	81.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	88817	29.19	ng	#	100
3) Pyridine	3.69	79	331049	38.50	ng	#	76
4) n-Nitrosodimethylamine	3.61	42	211715	46.26	ng	#	57
6) Aniline	7.12	93	512493	45.71	ng	#	84
8) 2-Chlorophenol	7.35	128	282809	46.10	ng	#	77
9) Benzaldehyde	6.94	77	307128	47.29	ng	#	78
10) Phenol	7.00	94	432797	48.41	ng		93
11) bis(2-Chloroethyl)ether	7.22	93	334545	45.65	ng	#	80
12) 1,3-Dichlorobenzene	7.67	146	310423	42.26	ng	#	86
13) 1,4-Dichlorobenzene	7.82	146	317261	41.80	ng	#	93
14) 1,2-Dichlorobenzene	8.13	146	304988	41.38	ng	#	93
15) Benzyl Alcohol	8.03	79	362474	50.25	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.31	45	630477	49.50	ng		93
17) 2-Methylphenol	8.24	107	289041	49.41	ng	#	85
18) Hexachloroethane	8.85	117	143211	46.13	ng		95
19) n-Nitroso-di-n-propylamine	8.59	70	376497	56.60	ng	#	85
20) 3+4-Methylphenols	8.57	107	406723	51.14	ng		87
22) Acetophenone	8.62	105	561706	43.90	ng	#	82
24) Nitrobenzene	9.00	77	510915	43.10	ng	#	88
25) Isophorone	9.52	82	881671	47.77	ng	#	88
26) 2-Nitrophenol	9.70	139	168033	47.00	ng	#	34
27) 2,4-Dimethylphenol	9.76	122	296393	45.32	ng	#	76
28) bis(2-Chloroethoxy)methane	9.99	93	500963	43.84	ng		99
29) 2,4-Dichlorophenol	10.24	162	288202	42.15	ng		91
30) 1,2,4-Trichlorobenzene	10.45	180	329383	38.83	ng		96
31) Naphthalene	10.63	128	972316	40.38	ng		99
32) Benzoic acid	9.96	122	199109	44.76	ng	#	64
33) 4-Chloroaniline	10.76	127	424352	45.69	ng	#	79
34) Hexachlorobutadiene	10.89	225	230367	39.66	ng		98
35) Caprolactam	11.58	113	113105	54.18	ng	#	58
36) 4-Chloro-3-methylphenol	11.89	107	395251	51.10	ng	#	81
37) 2-Methylnaphthalene	12.25	142	686065	41.28	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	412180	38.69	ng	#	100
40) Hexachlorocyclopentadiene	12.58	237	80153	13.11	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	268398	44.06	ng		93
43) 2,4,5-Trichlorophenol	12.96	196	287937	42.37	ng	#	87
45) 1,1'-Biphenyl	13.27	154	950116	40.46	ng		97
46) 2-Chloronaphthalene	13.32	162	772033	42.33	ng		93
47) 2-Nitroaniline	13.53	65	381966	56.84	ng	#	63
48) Acenaphthylene	14.16	152	1195159	40.23	ng		99
49) Dimethylphthalate	13.90	163	1070531	49.42	ng		98
50) 2,6-Dinitrotoluene	14.03	165	213878	45.82	ng	#	47
51) Acenaphthene	14.50	154	739664	41.27	ng		100
52) 3-Nitroaniline	14.37	138	235521	51.21	ng	#	53
53) 2,4-Dinitrophenol	14.59	184	102172	37.09	ng	#	82
54) Dibenzofuran	14.84	168	1130067	42.63	ng		94
55) 4-Nitrophenol	14.70	139	154120	40.54	ng	#	1
56) 2,4-Dinitrotoluene	14.83	165	309113	48.94	ng	#	72
57) Fluorene	15.49	166	992065	41.64	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.07	232	217905	37.91	ng	#	100
59) Diethylphthalate	15.26	149	1149833	52.32	ng		97
60) 4-Chlorophenyl-phenylether	15.48	204	530852	42.67	ng		99
61) 4-Nitroaniline	15.54	138	234310	46.90	ng	#	11
62) Azobenzene	15.77	77	1286597	50.15	ng		79
64) 4,6-Dinitro-2-methylphenol	15.60	198	169420	39.30	ng	#	79
65) n-Nitrosodiphenylamine	15.70	169	870224	41.87	ng		97
66) 4-Bromophenyl-phenylether	16.38	248	326533	41.19	ng	#	89
67) Hexachlorobenzene	16.50	284	361744	41.63	ng	#	88
68) Atrazine	16.66	200	332980	42.60	ng		99
69) Pentachlorophenol	16.85	266	135212	25.47	ng		97
70) Phenanthrene	17.24	178	1577755	40.32	ng		99
71) Anthracene	17.33	178	1602572	40.45	ng		99
72) Carbazole	17.61	167	1441000	37.98	ng		100
73) Di-n-butylphthalate	18.15	149	2069979	53.42	ng	#	96
74) Fluoranthene	19.26	202	1979039	42.70	ng		99
76) Benzidine	19.45	184	1085823	42.18	ng		100
77) Pyrene	19.62	202	2072208	42.30	ng		99
79) Butylbenzylphthalate	20.50	149	981411	55.64	ng	#	64
80) Benzo(a)anthracene	21.37	228	2075951	41.15	ng		99
81) 3,3'-Dichlorobenzidine	21.30	252	819421	43.38	ng	#	98
82) Chrysene	21.42	228	1930506	40.08	ng		99
83) Bis(2-ethylhexyl)phthalate	21.27	149	1502735	57.09	ng		96
84) Di-n-octyl phthalate	22.16	149	2635986	60.17	ng	#	82
85) Indeno(1,2,3-cd)pyrene	26.06	276	2324648	44.25	ng	#	100
87) Benzo(b)fluoranthene	23.00	252	2062443	39.19	ng	#	95
88) Benzo(k)fluoranthene	23.04	252	2036881	40.25	ng		98
89) Benzo(a)pyrene	23.59	252	1984417	40.72	ng		99
90) Dibenzo(a,h)anthracene	26.06	278	2083200	43.64	ng	#	95
91) Benzo(g,h,i)perylene	26.78	276	1929902	41.47	ng	#	93

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

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