Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
Data File : BM009904.D
Acq On : 05 May 2017 15:56
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 06 00:17:31 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 14:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	98409	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	430027	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	278713	20.00	ng		0.00
63) Phenanthrene-d10	17.19	188	693563	20.00	ng		0.00
75) Chrysene-d12	21.38	240	880704	20.00	ng		0.00
86) Perylene-d12	23.69	264	818885	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	505138	81.72	ng		0.00
7) Phenol-d6	6.96	99	767470	81.00	ng		0.00
23) Nitrobenzene-d5	8.95	82	964047	81.13	ng		0.00
41) 2,4,6-Tribromophenol	15.94	330	318454	83.66	ng		0.00
44) 2-Fluorobiphenyl	13.05	172	1693823	79.18	ng		0.00
78) Terphenyl-d14	19.82	244	3484743	81.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	87987	37.07	ng	#	100
3) Pyridine	3.69	79	322349	39.48	ng	#	72
4) n-Nitrosodimethylamine	3.61	42	209453	39.33	ng	#	56
6) Aniline	7.12	93	498820	39.82	ng	#	84
8) 2-Chlorophenol	7.35	128	272429	39.59	ng	#	75
9) Benzaldehyde	6.93	77	299835	39.83	ng	#	78
10) Phenol	6.99	94	409784	39.51	ng		93
11) bis(2-Chloroethyl)ether	7.21	93	328531	39.79	ng	#	78
12) 1,3-Dichlorobenzene	7.67	146	303604	39.81	ng	#	86
13) 1,4-Dichlorobenzene	7.82	146	303022	38.55	ng	#	95
14) 1,2-Dichlorobenzene	8.13	146	298146	39.47	ng	#	92
15) Benzyl Alcohol	8.03	79	354732	40.42	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.31	45	616659	40.41	ng		93
17) 2-Methylphenol	8.23	107	284875	40.78	ng	#	83
18) Hexachloroethane	8.85	117	141677	40.68	ng		90
19) n-Nitroso-di-n-propylamine	8.59	70	363358	40.45	ng	#	85
20) 3+4-Methylphenols	8.56	107	393197	40.96	ng		88
22) Acetophenone	8.62	105	546000	40.58	ng	#	86
24) Nitrobenzene	9.00	77	489874	39.72	ng	#	88
25) Isophorone	9.52	82	858138	40.94	ng	#	85
26) 2-Nitrophenol	9.70	139	163568	41.00	ng	#	35
27) 2,4-Dimethylphenol	9.76	122	288501	40.18	ng	#	79
28) bis(2-Chloroethoxy)methane	9.99	93	496256	40.68	ng		98
29) 2,4-Dichlorophenol	10.24	162	286088	41.57	ng		93
30) 1,2,4-Trichlorobenzene	10.44	180	326410	40.58	ng		96
31) Naphthalene	10.63	128	951023	40.22	ng		99
32) Benzoic acid	9.95	122	192267	40.78	ng	#	70
33) 4-Chloroaniline	10.75	127	412304	41.34	ng	#	79
34) Hexachlorobutadiene	10.89	225	222265	39.71	ng		99
35) Caprolactam	11.57	113	113242	43.15	ng	#	46
36) 4-Chloro-3-methylphenol	11.89	107	384474	41.14	ng	#	79
37) 2-Methylnaphthalene	12.25	142	675723	40.46	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	405979	40.49	ng	#	100
40) Hexachlorocyclopentadiene	12.57	237	77480	38.32	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	266622	41.15	ng		96
43) 2,4,5-Trichlorophenol	12.95	196	284341	40.79	ng	#	87
45) 1,1'-Biphenyl	13.26	154	933531	39.34	ng		96
46) 2-Chloronaphthalene	13.31	162	747052	39.83	ng		95
47) 2-Nitroaniline	13.53	65	373172	41.20	ng	#	66
48) Acenaphthylene	14.16	152	1163047	39.51	ng		99
49) Dimethylphthalate	13.90	163	1056664	39.80	ng		99
50) 2,6-Dinitrotoluene	14.03	165	214137	41.36	ng	#	57
51) Acenaphthene	14.50	154	718354	39.55	ng		99
52) 3-Nitroaniline	14.37	138	226348	40.40	ng	#	51
53) 2,4-Dinitrophenol	14.59	184	104680	39.77	ng	#	84
54) Dibenzofuran	14.84	168	1088576	39.18	ng		92
55) 4-Nitrophenol	14.69	139	157035	41.72	ng	#	1
56) 2,4-Dinitrotoluene	14.83	165	311036	41.33	ng	#	79
57) Fluorene	15.49	166	965794	39.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.07	232	220062	41.22	ng	#	100
59) Diethylphthalate	15.26	149	1131651	39.90	ng		98
60) 4-Chlorophenyl-phenylether	15.48	204	516796	39.73	ng		100
61) 4-Nitroaniline	15.54	138	235906	42.04	ng	#	17
62) Azobenzene	15.77	77	1292281	40.90	ng		81
64) 4,6-Dinitro-2-methylphenol	15.60	198	176837	39.07	ng	#	85
65) n-Nitrosodiphenylamine	15.70	169	859844	39.12	ng		99
66) 4-Bromophenyl-phenylether	16.37	248	319728	39.41	ng	#	91
67) Hexachlorobenzene	16.49	284	364286	39.42	ng	#	89
68) Atrazine	16.66	200	337488	40.09	ng		96
69) Pentachlorophenol	16.84	266	150064	40.24	ng		97
70) Phenanthrene	17.23	178	1560466	38.86	ng		100
71) Anthracene	17.33	178	1598507	39.48	ng		100
72) Carbazole	17.61	167	1445295	39.38	ng		99
73) Di-n-butylphthalate	18.14	149	2086621	39.58	ng	#	97
74) Fluoranthene	19.26	202	1986550	39.20	ng		98
76) Benzidine	19.44	184	1107974	41.70	ng		99
77) Pyrene	19.62	202	2093809	39.80	ng		99
79) Butylbenzylphthalate	20.50	149	1017890	40.12	ng	#	66
80) Benzo(a)anthracene	21.37	228	2137641	40.30	ng		98
81) 3,3'-Dichlorobenzidine	21.30	252	838574	39.78	ng		99
82) Chrysene	21.42	228	1983420	39.77	ng		99
83) Bis(2-ethylhexyl)phthalate	21.27	149	1542128	39.52	ng		95
84) Di-n-octyl phthalate	22.16	149	2647131	39.07	ng	#	84
85) Indeno(1,2,3-cd)pyrene	26.05	276	2265410	40.29	ng	#	100
87) Benzo(b)fluoranthene	22.99	252	2155260	41.30	ng	#	94
88) Benzo(k)fluoranthene	23.04	252	1991600	39.26	ng		98
89) Benzo(a)pyrene	23.59	252	1964031	40.12	ng		98
90) Dibenzo(a,h)anthracene	26.05	278	2034876	41.42	ng	#	95
91) Benzo(g,h,i)perylene	26.77	276	1867410	40.53	ng	#	90

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

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