Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM009984.D
Acq On : 11 May 2017 14:52
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 12 05:46:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	73320	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	322562	20.00	ng		-0.02
38) Acenaphthene-d10	14.42	164	218723	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	542063	20.00	ng		-0.02
75) Chrysene-d12	21.37	240	633834	20.00	ng		-0.02
86) Perylene-d12	23.66	264	455850	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	367606	78.46	ng		-0.02
7) Phenol-d6	6.95	99	592230	78.89	ng		-0.02
23) Nitrobenzene-d5	8.94	82	737167	83.52	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	247056	82.53	ng		-0.02
44) 2-Fluorobiphenyl	13.03	172	1301847	79.60	ng		-0.02
78) Terphenyl-d14	19.80	244	2611298	86.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	65704	37.85	ng	#	100
3) Pyridine	3.68	79	288405	45.08	ng	#	72
4) n-Nitrosodimethylamine	3.60	42	176554	50.38	ng	#	56
6) Aniline	7.10	93	445902	45.75	ng	#	89
8) 2-Chlorophenol	7.33	128	232696	45.75	ng	#	72
9) Benzaldehyde	6.92	77	221083	39.34	ng	#	80
10) Phenol	6.97	94	365297	44.78	ng		96
11) bis(2-Chloroethyl)ether	7.20	93	281800	44.43	ng	#	78
12) 1,3-Dichlorobenzene	7.65	146	253163	44.59	ng	#	85
13) 1,4-Dichlorobenzene	7.80	146	257657	44.28	ng	#	91
14) 1,2-Dichlorobenzene	8.11	146	257235	45.60	ng	#	92
15) Benzyl Alcohol	8.02	79	304442	47.58	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.29	45	565412	56.17	ng		92
17) 2-Methylphenol	8.22	107	246683	46.32	ng	#	85
18) Hexachloroethane	8.83	117	113236	46.94	ng	#	84
19) n-Nitroso-di-n-propylamine	8.57	70	313320	46.00	ng	#	81
20) 3+4-Methylphenols	8.55	107	337161	46.51	ng		89
22) Acetophenone	8.60	105	404729	41.04	ng	#	84
24) Nitrobenzene	8.98	77	433398	46.14	ng	#	87
25) Isophorone	9.50	82	738436	48.61	ng	#	86
26) 2-Nitrophenol	9.69	139	140745	49.76	ng	#	44
27) 2,4-Dimethylphenol	9.75	122	243928	46.07	ng	#	80
28) bis(2-Chloroethoxy)methane	9.97	93	431296	47.13	ng		98
29) 2,4-Dichlorophenol	10.22	162	244431	47.45	ng		93
30) 1,2,4-Trichlorobenzene	10.42	180	284131	47.24	ng		94
31) Naphthalene	10.61	128	811892	45.72	ng		99
32) Benzoic acid	9.93	122	139334	39.34	ng	#	59
33) 4-Chloroaniline	10.74	127	355170	47.05	ng	#	79
34) Hexachlorobutadiene	10.87	225	186945	45.68	ng		95
35) Caprolactam	11.56	113	80941	40.22	ng	#	32
36) 4-Chloro-3-methylphenol	11.87	107	324119	47.08	ng	#	79
37) 2-Methylnaphthalene	12.23	142	599971	47.20	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	317445	39.88	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	106708	62.54	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	227984	46.52	ng		97
43) 2,4,5-Trichlorophenol	12.93	196	242397	45.53	ng	#	85
45) 1,1'-Biphenyl	13.25	154	732415	40.24	ng		95
46) 2-Chloronaphthalene	13.29	162	660107	46.15	ng		95
47) 2-Nitroaniline	13.52	65	325955	50.34	ng	#	64
48) Acenaphthylene	14.15	152	1041782	46.25	ng		99
49) Dimethylphthalate	13.89	163	879420	45.61	ng	#	98
50) 2,6-Dinitrotoluene	14.02	165	180119	46.10	ng	#	47
51) Acenaphthene	14.49	154	646536	45.55	ng		98
52) 3-Nitroaniline	14.36	138	193058	46.53	ng	#	44
53) 2,4-Dinitrophenol	14.57	184	88523	42.81	ng	#	82
54) Dibenzofuran	14.82	168	989455	45.50	ng		95
55) 4-Nitrophenol	14.68	139	121799	43.84	ng	#	6
56) 2,4-Dinitrotoluene	14.82	165	263144	45.53	ng	#	69
57) Fluorene	15.47	166	893822	46.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.06	232	204716	44.51	ng	#	100
59) Diethylphthalate	15.24	149	926096	45.75	ng		99
60) 4-Chlorophenyl-phenylether	15.46	204	482969	46.13	ng		97
61) 4-Nitroaniline	15.53	138	195303	46.20	ng	#	7
62) Azobenzene	15.76	77	1169618	47.62	ng		80
64) 4,6-Dinitro-2-methylphenol	15.58	198	155606	44.30	ng	#	78
65) n-Nitrosodiphenylamine	15.69	169	782277	46.51	ng		98
66) 4-Bromophenyl-phenylether	16.36	248	299477	46.52	ng		94
67) Hexachlorobenzene	16.47	284	322313	45.11	ng	#	88
68) Atrazine	16.64	200	247489	40.26	ng		95
69) Pentachlorophenol	16.83	266	133924	41.50	ng		99
70) Phenanthrene	17.22	178	1418644	45.59	ng		99
71) Anthracene	17.31	178	1448249	45.63	ng		100
72) Carbazole	17.59	167	1285659	45.38	ng		99
73) Di-n-butylphthalate	18.13	149	1711837	47.52	ng	#	97
74) Fluoranthene	19.24	202	1778715	44.56	ng		99
76) Benzidine	19.43	184	664158	41.91	ng		98
77) Pyrene	19.60	202	1879094	49.81	ng		98
79) Butylbenzylphthalate	20.49	149	802007	51.06	ng	#	67
80) Benzo(a)anthracene	21.35	228	1740206	45.70	ng		99
81) 3,3'-Dichlorobenzidine	21.29	252	560393	39.94	ng	#	97
82) Chrysene	21.40	228	1612069	45.14	ng		99
83) Bis(2-ethylhexyl)phthalate	21.25	149	1184599	50.51	ng		98
84) Di-n-octyl phthalate	22.14	149	1923782	47.81	ng	#	81
85) Indeno(1,2,3-cd)pyrene	26.00	276	1214020	40.33	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	1464626	47.44	ng	#	93
88) Benzo(k)fluoranthene	23.02	252	1357190	46.27	ng	#	98
89) Benzo(a)pyrene	23.56	252	1245757	45.77	ng		99
90) Dibenzo(a,h)anthracene	26.00	278	1083210	45.10	ng	#	96
91) Benzo(g,h,i)perylene	26.72	276	988314	44.65	ng	#	92

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

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