Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010094.D
Acq On : 22 May 2017 10:14
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 23 05:23:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	199200	20.00	ng		-0.01
21) Naphthalene-d8	10.77	136	753613	20.00	ng		-0.01
38) Acenaphthene-d10	14.60	164	510784	20.00	ng		-0.01
63) Phenanthrene-d10	17.34	188	1302964	20.00	ng		0.00
75) Chrysene-d12	21.50	240	1989334	20.00	ng		0.00
86) Perylene-d12	23.87	264	1935262	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	869737	78.85	ng		-0.01
7) Phenol-d6	7.16	99	1171550	82.54	ng		-0.01
23) Nitrobenzene-d5	9.16	82	1251354	89.58	ng		-0.01
41) 2,4,6-Tribromophenol	16.09	330	670398	86.42	ng		0.00
44) 2-Fluorobiphenyl	13.22	172	3294755	82.92	ng		-0.01
78) Terphenyl-d14	19.94	244	7289135	83.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	205455	40.54	ng	#	100
3) Pyridine	3.86	79	566591	41.76	ng		90
4) n-Nitrosodimethylamine	3.77	42	224146	45.67	ng		91
6) Aniline	7.32	93	722593	41.09	ng		94
8) 2-Chlorophenol	7.54	128	478873	39.90	ng		95
9) Benzaldehyde	7.13	77	357279	40.43	ng		93
10) Phenol	7.18	94	620795	41.50	ng		86
11) bis(2-Chloroethyl)ether	7.40	93	463622	41.58	ng		97
12) 1,3-Dichlorobenzene	7.85	146	610525	40.03	ng	#	93
13) 1,4-Dichlorobenzene	8.00	146	623232	39.78	ng		96
14) 1,2-Dichlorobenzene	8.32	146	606893	40.36	ng		98
15) Benzyl Alcohol	8.23	79	453718	42.25	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.49	45	410405	37.44	ng		76
17) 2-Methylphenol	8.43	107	438476	41.20	ng	#	86
18) Hexachloroethane	9.04	117	207551	40.87	ng	#	74
19) n-Nitroso-di-n-propylamine	8.78	70	440996	44.02	ng		91
20) 3+4-Methylphenols	8.76	107	606017	42.16	ng		89
22) Acetophenone	8.81	105	806874	41.77	ng	#	98
24) Nitrobenzene	9.20	77	644957	44.82	ng		98
25) Isophorone	9.70	82	1056733	43.78	ng		93
26) 2-Nitrophenol	9.90	139	254919	42.03	ng	#	70
27) 2,4-Dimethylphenol	9.95	122	443344	40.48	ng	#	81
28) bis(2-Chloroethoxy)methane	10.19	93	624800	40.79	ng		99
29) 2,4-Dichlorophenol	10.43	162	536308	42.53	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	678697	41.60	ng		99
31) Naphthalene	10.83	128	1605855	39.83	ng		99
32) Benzoic acid	10.10	122	303110	40.61	ng		85
33) 4-Chloroaniline	10.96	127	630141	40.57	ng	#	84
34) Hexachlorobutadiene	11.07	225	469974	43.18	ng		97
35) Caprolactam	11.78	113	157194	43.44	ng	#	78
36) 4-Chloro-3-methylphenol	12.07	107	585398	42.86	ng		86
37) 2-Methylnaphthalene	12.43	142	1192503	41.08	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	821222	41.81	ng	#	100
40) Hexachlorocyclopentadiene	12.74	237	483623	42.64	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	494617	42.75	ng		99
43) 2,4,5-Trichlorophenol	13.11	196	552479	43.22	ng	#	93
45) 1,1'-Biphenyl	13.43	154	1701625	40.51	ng		100
46) 2-Chloronaphthalene	13.48	162	1361886	40.05	ng		96
47) 2-Nitroaniline	13.72	65	387945	44.36	ng		84
48) Acenaphthylene	14.33	152	2066548	41.09	ng		100
49) Dimethylphthalate	14.06	163	1911335	41.95	ng	#	99
50) 2,6-Dinitrotoluene	14.20	165	368818	42.63	ng		92
51) Acenaphthene	14.66	154	1276580	40.84	ng		98
52) 3-Nitroaniline	14.54	138	329429	40.97	ng	#	68
53) 2,4-Dinitrophenol	14.73	184	210826	40.11	ng	#	84
54) Dibenzofuran	15.00	168	2015398	41.00	ng		97
55) 4-Nitrophenol	14.86	139	259313	40.07	ng	#	43
56) 2,4-Dinitrotoluene	14.98	165	524577	42.86	ng	#	80
57) Fluorene	15.64	166	1795545	42.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.22	232	477245	43.83	ng	#	100
59) Diethylphthalate	15.42	149	1842209	42.76	ng		98
60) 4-Chlorophenyl-phenylether	15.63	204	1010842	42.12	ng		98
61) 4-Nitroaniline	15.72	138	335376	41.08	ng	#	37
62) Azobenzene	15.93	77	1469904	46.41	ng		91
64) 4,6-Dinitro-2-methylphenol	15.73	198	344022	43.22	ng		79
65) n-Nitrosodiphenylamine	15.86	169	1570892	40.23	ng		100
66) 4-Bromophenyl-phenylether	16.53	248	680395	40.79	ng	#	92
67) Hexachlorobenzene	16.62	284	797362	39.35	ng		94
68) Atrazine	16.80	200	642206	43.37	ng		99
69) Pentachlorophenol	16.99	266	485835	43.65	ng		98
70) Phenanthrene	17.39	178	2970085	40.74	ng		100
71) Anthracene	17.47	178	3004692	41.53	ng		99
72) Carbazole	17.76	167	2628362	41.03	ng		98
73) Di-n-butylphthalate	18.28	149	3268073	43.03	ng	#	98
74) Fluoranthene	19.39	202	3988435	42.14	ng		98
76) Benzidine	19.60	184	1445638	39.40	ng		99
77) Pyrene	19.76	202	4212128	39.49	ng		100
79) Butylbenzylphthalate	20.63	149	1631731	41.33	ng	#	87
80) Benzo(a)anthracene	21.49	228	4490011	40.95	ng		100
81) 3,3'-Dichlorobenzidine	21.43	252	1743205	39.53	ng	#	97
82) Chrysene	21.54	228	4219182	40.58	ng		99
83) Bis(2-ethylhexyl)phthalate	21.37	149	2532362	42.89	ng	#	97
84) Di-n-octyl phthalate	22.29	149	4514213	42.71	ng		97
85) Indeno(1,2,3-cd)pyrene	26.30	276	5004948	32.82	ng	#	100
87) Benzo(b)fluoranthene	23.15	252	4739152	41.84	ng	#	93
88) Benzo(k)fluoranthene	23.20	252	4761149	42.91	ng	#	96
89) Benzo(a)pyrene	23.77	252	4386846	40.65	ng	#	97
90) Dibenzo(a,h)anthracene	26.31	278	4444894	36.83	ng	#	93
91) Benzo(g,h,i)perylene	27.06	276	4199414	35.51	ng	#	87

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

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