Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010135.D
Acq On : 23 May 2017 11:07
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 23 13:08:10 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	150200	20.00	ng		-0.02
21) Naphthalene-d8	10.77	136	531746	20.00	ng		-0.02
38) Acenaphthene-d10	14.59	164	359572	20.00	ng		-0.02
63) Phenanthrene-d10	17.34	188	908800	20.00	ng		-0.01
75) Chrysene-d12	21.50	240	1338775	20.00	ng		-0.01
86) Perylene-d12	23.86	264	1478966	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	645163	77.57	ng		-0.02
7) Phenol-d6	7.15	99	860722	80.42	ng		-0.02
23) Nitrobenzene-d5	9.15	82	932619	94.62	ng		-0.02
41) 2,4,6-Tribromophenol	16.09	330	471494	86.34	ng		-0.01
44) 2-Fluorobiphenyl	13.22	172	2363617	84.51	ng		-0.02
78) Terphenyl-d14	19.94	244	4883261	82.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	155255	40.63	ng	#	100
3) Pyridine	3.85	79	420747	41.13	ng		91
4) n-Nitrosodimethylamine	3.77	42	177837	48.06	ng	#	83
6) Aniline	7.31	93	528178	39.83	ng		94
8) 2-Chlorophenol	7.53	128	354229	39.14	ng		95
9) Benzaldehyde	7.12	77	276746	41.54	ng		88
10) Phenol	7.17	94	455652	40.40	ng		89
11) bis(2-Chloroethyl)ether	7.39	93	328151	39.03	ng		98
12) 1,3-Dichlorobenzene	7.84	146	452296	39.33	ng	#	88
13) 1,4-Dichlorobenzene	7.99	146	465600	39.41	ng		94
14) 1,2-Dichlorobenzene	8.31	146	446557	39.38	ng		94
15) Benzyl Alcohol	8.22	79	324791	40.11	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.47	45	290233	35.11	ng		81
17) 2-Methylphenol	8.42	107	318485	39.68	ng	#	85
18) Hexachloroethane	9.03	117	158808	41.47	ng	#	74
19) n-Nitroso-di-n-propylamine	8.77	70	325663	43.11	ng		92
20) 3+4-Methylphenols	8.75	107	434310	40.07	ng		87
22) Acetophenone	8.80	105	579470	42.51	ng	#	98
24) Nitrobenzene	9.19	77	477504	47.03	ng		93
25) Isophorone	9.70	82	738440	43.36	ng	#	94
26) 2-Nitrophenol	9.89	139	185412	43.32	ng	#	65
27) 2,4-Dimethylphenol	9.95	122	319934	41.40	ng	#	85
28) bis(2-Chloroethoxy)methane	10.18	93	446178	41.28	ng		99
29) 2,4-Dichlorophenol	10.42	162	394248	44.31	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	493086	42.83	ng		98
31) Naphthalene	10.82	128	1140153	40.08	ng		100
32) Benzoic acid	10.09	122	222259	42.20	ng	#	81
33) 4-Chloroaniline	10.96	127	446600	40.75	ng	#	84
34) Hexachlorobutadiene	11.06	225	351240	45.74	ng		99
35) Caprolactam	11.76	113	105839	41.46	ng	#	84
36) 4-Chloro-3-methylphenol	12.07	107	416178	43.19	ng		85
37) 2-Methylnaphthalene	12.42	142	862958	42.14	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	587748	42.51	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	347409	43.51	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	360083	44.21	ng		97
43) 2,4,5-Trichlorophenol	13.10	196	399818	44.43	ng	#	92
45) 1,1'-Biphenyl	13.43	154	1221434	41.31	ng		99
46) 2-Chloronaphthalene	13.47	162	992952	41.48	ng		96
47) 2-Nitroaniline	13.71	65	279129	45.34	ng	#	81
48) Acenaphthylene	14.32	152	1464983	41.38	ng		99
49) Dimethylphthalate	14.06	163	1332803	41.55	ng	#	99
50) 2,6-Dinitrotoluene	14.19	165	258711	42.48	ng		89
51) Acenaphthene	14.66	154	904742	41.11	ng		97
52) 3-Nitroaniline	14.54	138	228795	40.42	ng	#	66
53) 2,4-Dinitrophenol	14.72	184	153507	41.27	ng	#	86
54) Dibenzofuran	14.99	168	1429093	41.30	ng		96
55) 4-Nitrophenol	14.85	139	181022	39.74	ng	#	28
56) 2,4-Dinitrotoluene	14.97	165	366862	42.58	ng	#	84
57) Fluorene	15.64	166	1260553	41.89	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.22	232	341628	44.57	ng	#	100
59) Diethylphthalate	15.40	149	1254203	41.36	ng		96
60) 4-Chlorophenyl-phenylether	15.63	204	712124	42.15	ng		99
61) 4-Nitroaniline	15.70	138	222898	38.79	ng	#	24
62) Azobenzene	15.92	77	1055284	47.33	ng		90
64) 4,6-Dinitro-2-methylphenol	15.72	198	239525	43.14	ng		80
65) n-Nitrosodiphenylamine	15.85	169	1100780	40.41	ng		100
66) 4-Bromophenyl-phenylether	16.52	248	478901	41.16	ng		95
67) Hexachlorobenzene	16.62	284	547477	38.73	ng		96
68) Atrazine	16.79	200	422830	40.94	ng		99
69) Pentachlorophenol	16.98	266	324660	41.82	ng		98
70) Phenanthrene	17.38	178	2054401	40.40	ng		99
71) Anthracene	17.47	178	2088791	41.39	ng		99
72) Carbazole	17.76	167	1806973	40.45	ng		98
73) Di-n-butylphthalate	18.27	149	2134365	40.29	ng	#	98
74) Fluoranthene	19.38	202	2697160	40.85	ng		98
76) Benzidine	19.59	184	1168088	47.30	ng		99
77) Pyrene	19.74	202	2842134	39.60	ng		100
79) Butylbenzylphthalate	20.62	149	1032637	38.86	ng	#	86
80) Benzo(a)anthracene	21.48	228	3020705	40.94	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	1208504	40.72	ng	#	96
82) Chrysene	21.53	228	2857635	40.84	ng		100
83) Bis(2-ethylhexyl)phthalate	21.36	149	1557909	39.21	ng	#	98
84) Di-n-octyl phthalate	22.27	149	2851637	40.09	ng	#	97
85) Indeno(1,2,3-cd)pyrene	26.28	276	4375759	42.64	ng	#	100
87) Benzo(b)fluoranthene	23.14	252	3604022	41.64	ng	#	92
88) Benzo(k)fluoranthene	23.19	252	3350438	39.51	ng	#	95
89) Benzo(a)pyrene	23.76	252	3344858	40.55	ng	#	97
90) Dibenzo(a,h)anthracene	26.29	278	3821907	41.44	ng	#	92
91) Benzo(g,h,i)perylene	27.04	276	3748561	41.48	ng	#	87

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

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