Data Path : Z:\HPCHEM1\BNA_M\Data\BM052517\

Quantitation Report (QT Reviewed)

Data File : BM010213.D
Acq On : 25 May 2017 12:44
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 26 05:11:44 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	7.95	152	154319	20.00	ng		-0.03
21) Naphthalene-d8	10.75	136	541666	20.00	ng		-0.04
38) Acenaphthene-d10	14.58	164	362506	20.00	ng		-0.03
63) Phenanthrene-d10	17.33	188	845282	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	1234477	20.00	ng		-0.02
86) Perylene-d12	23.84	264	1352775	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	654244	76.56	ng		-0.03
7) Phenol-d6	7.13	99	858684	78.09	ng		-0.04
23) Nitrobenzene-d5	9.13	82	971350	96.75	ng		-0.04
41) 2,4,6-Tribromophenol	16.07	330	451918	82.08	ng		-0.02
44) 2-Fluorobiphenyl	13.20	172	2414417	85.62	ng		-0.04
78) Terphenyl-d14	19.93	244	4637475	85.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	156951	39.97	ng	#	100
3) Pyridine	3.84	79	431329	41.04	ng	#	88
4) n-Nitrosodimethylamine	3.76	42	210141	55.27	ng	#	74
6) Aniline	7.30	93	532449	39.08	ng		92
8) 2-Chlorophenol	7.52	128	355889	38.28	ng		93
9) Benzaldehyde	7.11	77	269861	39.42	ng		86
10) Phenol	7.16	94	452072	39.01	ng		93
11) bis(2-Chloroethyl)ether	7.38	93	336743	38.98	ng		96
12) 1,3-Dichlorobenzene	7.83	146	458904	38.84	ng	#	92
13) 1,4-Dichlorobenzene	7.98	146	465139	38.32	ng		97
14) 1,2-Dichlorobenzene	8.30	146	455080	39.06	ng		96
15) Benzyl Alcohol	8.21	79	292052	35.10	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.47	45	283936	33.43	ng		72
17) 2-Methylphenol	8.40	107	316701	38.41	ng	#	84
18) Hexachloroethane	9.02	117	165124	41.97	ng	#	71
19) n-Nitroso-di-n-propylamine	8.76	70	331196	42.67	ng		94
20) 3+4-Methylphenols	8.74	107	432590	38.85	ng		88
22) Acetophenone	8.79	105	585172	42.14	ng	#	97
24) Nitrobenzene	9.17	77	487257	47.11	ng		93
25) Isophorone	9.68	82	758971	43.75	ng	#	93
26) 2-Nitrophenol	9.88	139	192710	44.20	ng	#	61
27) 2,4-Dimethylphenol	9.93	122	317151	40.29	ng	#	78
28) bis(2-Chloroethoxy)methane	10.16	93	445675	40.48	ng		98
29) 2,4-Dichlorophenol	10.40	162	406410	44.84	ng		98
30) 1,2,4-Trichlorobenzene	10.60	180	511208	43.59	ng		97
31) Naphthalene	10.80	128	1157516	39.95	ng		99
32) Benzoic acid	10.07	122	216556	40.37	ng	#	70
33) 4-Chloroaniline	10.94	127	432184	38.72	ng	#	83
34) Hexachlorobutadiene	11.05	225	365630	46.74	ng		99
35) Caprolactam	11.76	113	99904	38.41	ng	#	78
36) 4-Chloro-3-methylphenol	12.06	107	408311	41.59	ng	#	83
37) 2-Methylnaphthalene	12.40	142	853777	40.92	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	611191	43.84	ng	#	100
40) Hexachlorocyclopentadiene	12.72	237	370389	46.02	ng		99

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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)
42) 2,4,6-Trichlorophenol	13.02	196	361497	44.03	ng		98
43) 2,4,5-Trichlorophenol	13.09	196	399451	44.03	ng	#	93
45) 1,1'-Biphenyl	13.41	154	1225777	41.12	ng		98
46) 2-Chloronaphthalene	13.46	162	983000	40.73	ng		96
47) 2-Nitroaniline	13.70	65	287892	46.39	ng	#	81
48) Acenaphthylene	14.31	152	1436637	40.25	ng		99
49) Dimethylphthalate	14.05	163	1290865	39.92	ng	#	99
50) 2,6-Dinitrotoluene	14.18	165	251341	40.93	ng	#	84
51) Acenaphthene	14.65	154	888383	40.04	ng		98
52) 3-Nitroaniline	14.53	138	222147	38.93	ng	#	69
53) 2,4-Dinitrophenol	14.72	184	157147	41.81	ng	#	86
54) Dibenzofuran	14.98	168	1405466	40.29	ng		97
55) 4-Nitrophenol	14.83	139	168123	36.61	ng	#	24
56) 2,4-Dinitrotoluene	14.96	165	352360	40.56	ng		88
57) Fluorene	15.63	166	1241023	40.91	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.20	232	331863	42.94	ng	#	100
59) Diethylphthalate	15.39	149	1231578	40.28	ng		97
60) 4-Chlorophenyl-phenylether	15.62	204	704486	41.36	ng		99
61) 4-Nitroaniline	15.69	138	214971	37.11	ng	#	21
62) Azobenzene	15.91	77	1066463	47.44	ng		89
64) 4,6-Dinitro-2-methylphenol	15.71	198	236800	45.86	ng		80
65) n-Nitrosodiphenylamine	15.84	169	1071898	42.31	ng		99
66) 4-Bromophenyl-phenylether	16.51	248	464936	42.97	ng		94
67) Hexachlorobenzene	16.60	284	527676	40.14	ng		93
68) Atrazine	16.79	200	379662	39.53	ng		98
69) Pentachlorophenol	16.97	266	319084	44.19	ng		99
70) Phenanthrene	17.37	178	1958167	41.40	ng		100
71) Anthracene	17.46	178	1991985	42.44	ng		99
72) Carbazole	17.74	167	1695897	40.81	ng		98
73) Di-n-butylphthalate	18.26	149	2028515	41.17	ng	#	97
74) Fluoranthene	19.37	202	2515482	40.97	ng		97
76) Benzidine	19.58	184	746891	32.80	ng		99
77) Pyrene	19.74	202	2653855	40.10	ng		99
79) Butylbenzylphthalate	20.61	149	976457	39.86	ng	#	84
80) Benzo(a)anthracene	21.47	228	2828618	41.58	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	1114321	40.72	ng	#	98
82) Chrysene	21.52	228	2656748	41.17	ng		99
83) Bis(2-ethylhexyl)phthalate	21.35	149	1452907	39.65	ng	#	98
84) Di-n-octyl phthalate	22.26	149	2683063	40.90	ng	#	98
85) Indeno(1,2,3-cd)pyrene	26.26	276	4086705	43.19	ng	#	100
87) Benzo(b)fluoranthene	23.12	252	3219991	40.67	ng	#	92
88) Benzo(k)fluoranthene	23.17	252	3192662	41.16	ng	#	95
89) Benzo(a)pyrene	23.74	252	3115415	41.30	ng	#	97
90) Dibenzo(a,h)anthracene	26.27	278	3552687	42.11	ng	#	92
91) Benzo(g,h,i)perylene	27.01	276	3467518	41.95	ng	#	86

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

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