Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
Data File : BM010192.D
Acq On : 24 May 2017 23:26
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 25 05:30:18 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	139638	20.00	ng		-0.02
21) Naphthalene-d8	10.76	136	511642	20.00	ng		-0.03
38) Acenaphthene-d10	14.58	164	340752	20.00	ng		-0.03
63) Phenanthrene-d10	17.33	188	840625	20.00	ng		-0.02
75) Chrysene-d12	21.49	240	1223463	20.00	ng		-0.02
86) Perylene-d12	23.85	264	1318941	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	602990	77.98	ng		-0.03
7) Phenol-d6	7.14	99	807237	81.13	ng		-0.03
23) Nitrobenzene-d5	9.14	82	911339	96.10	ng		-0.03
41) 2,4,6-Tribromophenol	16.07	330	439814	84.98	ng		-0.02
44) 2-Fluorobiphenyl	13.20	172	2264574	85.44	ng		-0.03
78) Terphenyl-d14	19.93	244	4538707	84.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	143446	40.37	ng	#	100
3) Pyridine	3.85	79	399586	42.01	ng		90
4) n-Nitrosodimethylamine	3.76	42	183812	53.43	ng	#	76
6) Aniline	7.30	93	499609	40.53	ng		94
8) 2-Chlorophenol	7.52	128	336296	39.97	ng		94
9) Benzaldehyde	7.11	77	260980	42.13	ng		86
10) Phenol	7.16	94	420566	40.11	ng		96
11) bis(2-Chloroethyl)ether	7.39	93	301848	38.62	ng		97
12) 1,3-Dichlorobenzene	7.83	146	423654	39.63	ng	#	90
13) 1,4-Dichlorobenzene	7.99	146	432741	39.40	ng		97
14) 1,2-Dichlorobenzene	8.30	146	420766	39.91	ng		96
15) Benzyl Alcohol	8.21	79	323456	42.97	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.46	45	269253	35.04	ng		72
17) 2-Methylphenol	8.41	107	294447	39.46	ng	#	82
18) Hexachloroethane	9.02	117	150948	42.40	ng	#	71
19) n-Nitroso-di-n-propylamine	8.76	70	313356	44.62	ng		92
20) 3+4-Methylphenols	8.74	107	406417	40.33	ng		88
22) Acetophenone	8.79	105	556102	42.40	ng	#	97
24) Nitrobenzene	9.18	77	458508	46.93	ng		95
25) Isophorone	9.69	82	722669	44.10	ng	#	94
26) 2-Nitrophenol	9.88	139	179815	43.66	ng	#	58
27) 2,4-Dimethylphenol	9.93	122	294503	39.61	ng	#	74
28) bis(2-Chloroethoxy)methane	10.17	93	418821	40.27	ng		99
29) 2,4-Dichlorophenol	10.41	162	376699	44.00	ng		95
30) 1,2,4-Trichlorobenzene	10.61	180	468465	42.29	ng		99
31) Naphthalene	10.81	128	1080146	39.46	ng		99
32) Benzoic acid	10.08	122	207040	40.86	ng	#	85
33) 4-Chloroaniline	10.95	127	426592	40.46	ng	#	82
34) Hexachlorobutadiene	11.05	225	343360	46.47	ng		98
35) Caprolactam	11.76	113	101348	41.26	ng	#	77
36) 4-Chloro-3-methylphenol	12.06	107	393734	42.46	ng	#	83
37) 2-Methylnaphthalene	12.40	142	810525	41.13	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	566969	43.27	ng	#	100
40) Hexachlorocyclopentadiene	12.72	237	338363	44.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	353896	45.85	ng		98
43) 2,4,5-Trichlorophenol	13.09	196	382280	44.83	ng	#	90
45) 1,1'-Biphenyl	13.42	154	1163139	41.51	ng		98
46) 2-Chloronaphthalene	13.46	162	945991	41.70	ng		96
47) 2-Nitroaniline	13.70	65	280768	48.13	ng	#	79
48) Acenaphthylene	14.31	152	1393347	41.53	ng		99
49) Dimethylphthalate	14.04	163	1254855	41.28	ng	#	99
50) 2,6-Dinitrotoluene	14.18	165	247390	42.86	ng	#	78
51) Acenaphthene	14.64	154	859389	41.21	ng		98
52) 3-Nitroaniline	14.53	138	220992	41.20	ng	#	68
53) 2,4-Dinitrophenol	14.72	184	153163	43.11	ng	#	85
54) Dibenzofuran	14.98	168	1362295	41.54	ng		96
55) 4-Nitrophenol	14.84	139	169476	39.26	ng	#	23
56) 2,4-Dinitrotoluene	14.96	165	345161	42.27	ng	#	89
57) Fluorene	15.63	166	1200854	42.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	331417	45.62	ng	#	100
59) Diethylphthalate	15.40	149	1199293	41.73	ng		98
60) 4-Chlorophenyl-phenylether	15.62	204	677796	42.33	ng		99
61) 4-Nitroaniline	15.70	138	214244	39.34	ng	#	21
62) Azobenzene	15.92	77	1045768	49.49	ng		89
64) 4,6-Dinitro-2-methylphenol	15.72	198	225810	43.97	ng		78
65) n-Nitrosodiphenylamine	15.84	169	1047369	41.57	ng		99
66) 4-Bromophenyl-phenylether	16.52	248	454120	42.20	ng		93
67) Hexachlorobenzene	16.61	284	522428	39.96	ng		96
68) Atrazine	16.79	200	406026	42.51	ng		97
69) Pentachlorophenol	16.97	266	311330	43.35	ng		98
70) Phenanthrene	17.37	178	1921508	40.85	ng		100
71) Anthracene	17.46	178	1962008	42.04	ng		98
72) Carbazole	17.74	167	1669688	40.40	ng		99
73) Di-n-butylphthalate	18.26	149	2036179	41.56	ng	#	97
74) Fluoranthene	19.37	202	2476553	40.55	ng		96
76) Benzidine	19.58	184	936711	41.51	ng		98
77) Pyrene	19.74	202	2631603	40.12	ng		99
79) Butylbenzylphthalate	20.61	149	972480	40.05	ng	#	80
80) Benzo(a)anthracene	21.47	228	2745840	40.72	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	1100590	40.58	ng	#	98
82) Chrysene	21.53	228	2605503	40.74	ng		100
83) Bis(2-ethylhexyl)phthalate	21.36	149	1464489	40.33	ng	#	96
84) Di-n-octyl phthalate	22.26	149	2625310	40.38	ng	#	98
85) Indeno(1,2,3-cd)pyrene	26.27	276	3947713	42.10	ng	#	100
87) Benzo(b)fluoranthene	23.13	252	3193527	41.37	ng	#	92
88) Benzo(k)fluoranthene	23.17	252	3054246	40.39	ng	#	95
89) Benzo(a)pyrene	23.74	252	3012877	40.96	ng	#	96
90) Dibenzo(a,h)anthracene	26.27	278	3452903	41.98	ng	#	91
91) Benzo(g,h,i)perylene	27.02	276	3385935	42.01	ng	#	86

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

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