Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM009988.D
Acq On : 11 May 2017 17:18
Operator : SJ/MA
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: May 11 18:55:10 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 18:53:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	54129	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	252361	20.00	ng		0.00
38) Acenaphthene-d10	14.42	164	164800	20.00	ng		0.00
63) Phenanthrene-d10	17.17	188	426223	20.00	ng		0.00
75) Chrysene-d12	21.36	240	568242	20.00	ng		0.00
86) Perylene-d12	23.66	264	481712	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	285990	84.11	ng		0.00
7) Phenol-d6	6.95	99	461980	88.64	ng		0.00
23) Nitrobenzene-d5	8.94	82	565225	81.05	ng		0.00
41) 2,4,6-Tribromophenol	15.92	330	194376	86.36	ng		0.00
44) 2-Fluorobiphenyl	13.03	172	1007970	79.69	ng		0.00
78) Terphenyl-d14	19.80	244	2139893	77.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	52896	40.52	ng	#	100
3) Pyridine	3.68	79	197572	44.00	ng		90
4) n-Nitrosodimethylamine	3.60	42	109502	37.38	ng	#	60
6) Aniline	7.10	93	298231	43.28	ng	#	85
8) 2-Chlorophenol	7.33	128	158042	41.75	ng	#	76
9) Benzaldehyde	6.92	77	175112	42.29	ng	#	79
10) Phenol	6.97	94	250182	43.85	ng		91
11) bis(2-Chloroethyl)ether	7.20	93	194935	42.93	ng		85
12) 1,3-Dichlorobenzene	7.65	146	172526	41.13	ng	#	84
13) 1,4-Dichlorobenzene	7.80	146	176836	40.90	ng	#	90
14) 1,2-Dichlorobenzene	8.11	146	172240	41.45	ng	#	90
15) Benzyl Alcohol	8.02	79	201032	41.65	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.29	45	313739	37.38	ng		98
17) 2-Methylphenol	8.22	107	165692	43.12	ng	#	86
18) Hexachloroethane	8.83	117	78354	40.90	ng		89
19) n-Nitroso-di-n-propylamine	8.57	70	214463	43.40	ng	#	95
20) 3+4-Methylphenols	8.55	107	226081	42.82	ng		90
22) Acetophenone	8.60	105	309036	39.14	ng	#	92
24) Nitrobenzene	8.98	77	293040	40.48	ng	#	89
25) Isophorone	9.50	82	487775	39.65	ng	#	87
26) 2-Nitrophenol	9.69	139	91170	38.94	ng	#	31
27) 2,4-Dimethylphenol	9.75	122	172853	41.03	ng	#	82
28) bis(2-Chloroethoxy)methane	9.97	93	292431	40.85	ng		99
29) 2,4-Dichlorophenol	10.22	162	160614	39.77	ng		93
30) 1,2,4-Trichlorobenzene	10.42	180	190506	40.36	ng		97
31) Naphthalene	10.61	128	556299	40.09	ng		98
32) Benzoic acid	9.92	122	111536	40.32	ng	#	79
33) 4-Chloroaniline	10.74	127	243326	41.57	ng	#	78
34) Hexachlorobutadiene	10.87	225	131976	40.18	ng		98
35) Caprolactam	11.56	113	62977	40.89	ng	#	63
36) 4-Chloro-3-methylphenol	11.87	107	220484	40.20	ng	#	75
37) 2-Methylnaphthalene	12.23	142	396324	40.43	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	242491	40.90	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	35523	29.33	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	150656	39.33	ng		96
43) 2,4,5-Trichlorophenol	12.93	196	166420	40.38	ng	#	86
45) 1,1'-Biphenyl	13.25	154	555822	39.61	ng		94
46) 2-Chloronaphthalene	13.29	162	443393	39.98	ng		95
47) 2-Nitroaniline	13.52	65	212667	39.71	ng	#	68
48) Acenaphthylene	14.14	152	711017	40.85	ng		99
49) Dimethylphthalate	13.88	163	595033	37.90	ng	#	99
50) 2,6-Dinitrotoluene	14.02	165	124266	40.59	ng	#	53
51) Acenaphthene	14.49	154	436129	40.60	ng		96
52) 3-Nitroaniline	14.35	138	134178	40.51	ng	#	46
53) 2,4-Dinitrophenol	14.57	184	59259	42.04	ng		86
54) Dibenzofuran	14.82	168	667537	40.63	ng		96
55) 4-Nitrophenol	14.68	139	87306	39.23	ng	#	3
56) 2,4-Dinitrotoluene	14.82	165	175985	39.55	ng	#	73
57) Fluorene	15.47	166	600904	41.46	ng		92
58) 2,3,4,6-Tetrachlorophenol	15.06	232	143407	45.43	ng	#	100
59) Diethylphthalate	15.24	149	624914	37.26	ng		99
60) 4-Chlorophenyl-phenylether	15.46	204	325060	42.26	ng		100
61) 4-Nitroaniline	15.52	138	136231	41.06	ng	#	25
62) Azobenzene	15.76	77	783801	41.95	ng		83
64) 4,6-Dinitro-2-methylphenol	15.58	198	104446	39.45	ng		89
65) n-Nitrosodiphenylamine	15.69	169	529033	39.17	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	207367	41.59	ng	#	93
67) Hexachlorobenzene	16.47	284	225551	39.72	ng	#	91
68) Atrazine	16.64	200	206246	39.87	ng		94
69) Pentachlorophenol	16.83	266	93995	43.70	ng		99
70) Phenanthrene	17.22	178	977268	39.61	ng		99
71) Anthracene	17.31	178	1002743	40.30	ng		99
72) Carbazole	17.59	167	902647	40.02	ng		98
73) Di-n-butylphthalate	18.13	149	1167703	36.04	ng	#	96
74) Fluoranthene	19.24	202	1273631	40.90	ng		98
76) Benzidine	19.43	184	630494	36.78	ng		98
77) Pyrene	19.60	202	1366304	40.25	ng		98
79) Butylbenzylphthalate	20.49	149	573260	35.02	ng	#	63
80) Benzo(a)anthracene	21.35	228	1369292	40.01	ng		98
81) 3,3'-Dichlorobenzidine	21.29	252	528724	38.87	ng	#	98
82) Chrysene	21.40	228	1289488	40.07	ng		97
83) Bis(2-ethylhexyl)phthalate	21.25	149	852491	33.86	ng		97
84) Di-n-octyl phthalate	22.14	149	1473531	33.71	ng	#	86
85) Indeno(1,2,3-cd)pyrene	26.00	276	1150966	31.72	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	1270645	41.39	ng	#	95
88) Benzo(k)fluoranthene	23.01	252	1265667	42.41	ng		98
89) Benzo(a)pyrene	23.56	252	1155464	40.12	ng		98
90) Dibenzo(a,h)anthracene	26.00	278	1024640	35.46	ng	#	95
91) Benzo(g,h,i)perylene	26.71	276	946564	34.92	ng	#	92

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

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