Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
Data File : BM009451.D
Acq On : 30 Mar 2017 15:05
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Mar 31 08:44:21 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	125055	20.00	ng		-0.01
21) Naphthalene-d8	10.65	136	528232	20.00	ng		-0.01
38) Acenaphthene-d10	14.50	164	333499	20.00	ng		0.00
63) Phenanthrene-d10	17.24	188	818115	20.00	ng		0.00
75) Chrysene-d12	21.42	240	1119081	20.00	ng		0.00
86) Perylene-d12	23.74	264	1023285	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	627382	83.62	ng		-0.01
7) Phenol-d6	7.01	99	898367	87.81	ng		-0.01
23) Nitrobenzene-d5	9.02	82	1167528	82.87	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	371384	89.64	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2202945	79.59	ng		-0.01
78) Terphenyl-d14	19.86	244	4330000	80.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	141177	37.42	ng	#	100
3) Pyridine	3.76	79	439226	41.20	ng	#	79
4) n-Nitrosodimethylamine	3.67	42	246766	43.48	ng	#	68
6) Aniline	7.19	93	596818	42.93	ng		90
8) 2-Chlorophenol	7.41	128	333909	43.89	ng		81
9) Benzaldehyde	7.00	77	311432	38.67	ng		81
10) Phenol	7.04	94	477460	43.07	ng		90
11) bis(2-Chloroethyl)ether	7.28	93	386197	42.50	ng		85
12) 1,3-Dichlorobenzene	7.74	146	376859	41.38	ng	#	88
13) 1,4-Dichlorobenzene	7.89	146	389718	41.41	ng		93
14) 1,2-Dichlorobenzene	8.20	146	378624	41.43	ng	#	90
15) Benzyl Alcohol	8.09	79	392953	43.93	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.37	45	677126	42.87	ng		94
17) 2-Methylphenol	8.29	107	331875	45.75	ng	#	87
18) Hexachloroethane	8.92	117	165625	43.02	ng		87
19) n-Nitroso-di-n-propylamine	8.66	70	371793	45.08	ng	#	87
20) 3+4-Methylphenols	8.62	107	439012	44.52	ng		89
22) Acetophenone	8.67	105	606432	40.71	ng	#	88
24) Nitrobenzene	9.06	77	570014	41.30	ng	#	88
25) Isophorone	9.57	82	911244	42.40	ng	#	89
26) 2-Nitrophenol	9.77	139	170589	40.98	ng	#	47
27) 2,4-Dimethylphenol	9.82	122	319931	42.01	ng	#	85
28) bis(2-Chloroethoxy)methane	10.06	93	548939	41.25	ng		99
29) 2,4-Dichlorophenol	10.29	162	335247	42.11	ng		93
30) 1,2,4-Trichlorobenzene	10.51	180	395084	40.00	ng		99
31) Naphthalene	10.70	128	1151207	41.06	ng		99
32) Benzoic acid	9.95	122	194148	37.48	ng	#	70
33) 4-Chloroaniline	10.82	127	466810	43.16	ng	#	82
34) Hexachlorobutadiene	10.97	225	270070	39.93	ng		97
35) Caprolactam	11.60	113	110569	45.49	ng	#	65
36) 4-Chloro-3-methylphenol	11.93	107	400315	44.44	ng	#	78
37) 2-Methylnaphthalene	12.31	142	823489	42.55	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	485697	38.58	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	253882	35.13	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	289788	40.25	ng		99
43) 2,4,5-Trichlorophenol	12.99	196	327785	40.81	ng	#	89
45) 1,1'-Biphenyl	13.33	154	1116939	40.24	ng		97
46) 2-Chloronaphthalene	13.37	162	864076	40.08	ng		97
47) 2-Nitroaniline	13.58	65	350798	44.16	ng	#	69
48) Acenaphthylene	14.22	152	1478265	42.10	ng		99
49) Dimethylphthalate	13.95	163	1071571	41.85	ng		99
50) 2,6-Dinitrotoluene	14.08	165	237759	43.09	ng	#	68
51) Acenaphthene	14.56	154	879952	41.53	ng		98
52) 3-Nitroaniline	14.41	138	243394	44.77	ng	#	47
53) 2,4-Dinitrophenol	14.62	184	115137	34.29	ng		90
54) Dibenzofuran	14.89	168	1302897	41.58	ng		94
55) 4-Nitrophenol	14.70	139	194902	43.37	ng	#	13
56) 2,4-Dinitrotoluene	14.87	165	337383	45.19	ng		97
57) Fluorene	15.54	166	1203319	42.73	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	287404	42.30	ng	#	100
59) Diethylphthalate	15.32	149	1114297	42.90	ng		100
60) 4-Chlorophenyl-phenylether	15.53	204	610076	41.49	ng		96
61) 4-Nitroaniline	15.57	138	266988	45.22	ng	#	21
62) Azobenzene	15.83	77	1371474	45.23	ng		85
64) 4,6-Dinitro-2-methylphenol	15.63	198	198479	38.51	ng		88
65) n-Nitrosodiphenylamine	15.75	169	998911	40.19	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	380667	40.16	ng	#	91
67) Hexachlorobenzene	16.54	284	404986	38.98	ng	#	88
68) Atrazine	16.70	200	386586	41.36	ng		96
69) Pentachlorophenol	16.89	266	247523	39.00	ng		98
70) Phenanthrene	17.29	178	1898324	40.58	ng		99
71) Anthracene	17.37	178	1977369	41.75	ng		98
72) Carbazole	17.65	167	1935054	42.66	ng		99
73) Di-n-butylphthalate	18.20	149	2014684	43.48	ng	#	97
74) Fluoranthene	19.30	202	2361814	42.62	ng		98
76) Benzidine	19.49	184	1160535	34.80	ng		98
77) Pyrene	19.66	202	2557984	40.30	ng		98
79) Butylbenzylphthalate	20.55	149	972364	42.55	ng	#	74
80) Benzo(a)anthracene	21.40	228	2673821	40.91	ng		98
81) 3,3'-Dichlorobenzidine	21.34	252	1014485	41.45	ng		97
82) Chrysene	21.46	228	2525729	40.47	ng		99
83) Bis(2-ethylhexyl)phthalate	21.32	149	1435736	42.10	ng		97
84) Di-n-octyl phthalate	22.21	149	2445901	43.09	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.11	276	2806022	41.23	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2615396	40.32	ng	#	94
88) Benzo(k)fluoranthene	23.09	252	2607190	41.80	ng		98
89) Benzo(a)pyrene	23.64	252	2495338	41.55	ng		98
90) Dibenzo(a,h)anthracene	26.13	278	2432193	41.33	ng	#	95
91) Benzo(g,h,i)perylene	26.85	276	2353326	41.03	ng	#	91

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

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