Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
Data File : BM009473.D
Acq On : 31 Mar 2017 14:02
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Mar 31 22:57:21 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 12:10:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	142446	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	597379	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	364947	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	866698	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	1165730	20.00	ng		0.00
86) Perylene-d12	23.74	264	1076282	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	697232	81.59	ng		-0.01
7) Phenol-d6	7.01	99	1000933	85.89	ng		-0.01
23) Nitrobenzene-d5	9.02	82	1288890	80.90	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	389268	85.86	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2392204	78.98	ng		-0.01
78) Terphenyl-d14	19.86	244	4523785	81.09	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	159204	37.05	ng	#	100
3) Pyridine	3.75	79	493052	40.60	ng	#	83
4) n-Nitrosodimethylamine	3.67	42	262730	40.64	ng	#	64
6) Aniline	7.18	93	675814	42.67	ng		91
8) 2-Chlorophenol	7.41	128	371997	42.93	ng	#	78
9) Benzaldehyde	7.00	77	344634	37.57	ng		85
10) Phenol	7.03	94	539796	42.75	ng		89
11) bis(2-Chloroethyl)ether	7.27	93	435209	42.05	ng	#	81
12) 1,3-Dichlorobenzene	7.73	146	426583	41.12	ng	#	88
13) 1,4-Dichlorobenzene	7.88	146	438977	40.95	ng	#	94
14) 1,2-Dichlorobenzene	8.20	146	423594	40.69	ng	#	92
15) Benzyl Alcohol	8.09	79	434151	42.61	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.37	45	742830	41.29	ng		94
17) 2-Methylphenol	8.28	107	364730	44.14	ng	#	84
18) Hexachloroethane	8.92	117	185581	42.32	ng		90
19) n-Nitroso-di-n-propylamine	8.65	70	408123	43.44	ng	#	91
20) 3+4-Methylphenols	8.61	107	496216	44.17	ng		88
22) Acetophenone	8.67	105	679070	40.31	ng	#	88
24) Nitrobenzene	9.06	77	624628	40.02	ng		91
25) Isophorone	9.57	82	1011749	41.63	ng	#	90
26) 2-Nitrophenol	9.76	139	191611	40.70	ng	#	51
27) 2,4-Dimethylphenol	9.82	122	354796	41.20	ng	#	84
28) bis(2-Chloroethoxy)methane	10.06	93	603043	40.07	ng		99
29) 2,4-Dichlorophenol	10.29	162	376009	41.76	ng		96
30) 1,2,4-Trichlorobenzene	10.50	180	445568	39.89	ng		97
31) Naphthalene	10.70	128	1276664	40.26	ng		99
32) Benzoic acid	9.94	122	226288	37.62	ng	#	86
33) 4-Chloroaniline	10.81	127	511443	41.82	ng	#	82
34) Hexachlorobutadiene	10.96	225	288963	37.78	ng		98
35) Caprolactam	11.59	113	121255	44.11	ng	#	66
36) 4-Chloro-3-methylphenol	11.93	107	437019	42.90	ng		84
37) 2-Methylnaphthalene	12.30	142	896391	40.96	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	533017	38.69	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	289096	36.56	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	320065	40.63	ng		95
43) 2,4,5-Trichlorophenol	12.99	196	358961	40.84	ng	#	91
45) 1,1'-Biphenyl	13.32	154	1221058	40.20	ng		94
46) 2-Chloronaphthalene	13.36	162	938696	39.79	ng		94
47) 2-Nitroaniline	13.58	65	375719	43.23	ng	#	75
48) Acenaphthylene	14.22	152	1611094	41.93	ng		98
49) Dimethylphthalate	13.95	163	1155637	41.24	ng	#	99
50) 2,6-Dinitrotoluene	14.07	165	259220	42.93	ng	#	70
51) Acenaphthene	14.56	154	939340	40.52	ng		98
52) 3-Nitroaniline	14.41	138	262620	44.14	ng	#	51
53) 2,4-Dinitrophenol	14.62	184	132123	35.69	ng		96
54) Dibenzofuran	14.89	168	1406011	41.01	ng		97
55) 4-Nitrophenol	14.70	139	208720	42.45	ng	#	14
56) 2,4-Dinitrotoluene	14.86	165	356953	43.69	ng	#	97
57) Fluorene	15.54	166	1280776	41.56	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	315360	42.42	ng	#	100
59) Diethylphthalate	15.31	149	1210606	42.59	ng		98
60) 4-Chlorophenyl-phenylether	15.53	204	662503	41.17	ng		99
61) 4-Nitroaniline	15.57	138	292882	45.33	ng	#	38
62) Azobenzene	15.83	77	1432899	43.18	ng		87
64) 4,6-Dinitro-2-methylphenol	15.62	198	217931	39.91	ng		89
65) n-Nitrosodiphenylamine	15.75	169	1068433	40.58	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	403502	40.18	ng	#	91
67) Hexachlorobenzene	16.54	284	433819	39.41	ng	#	91
68) Atrazine	16.70	200	394834	39.88	ng		95
69) Pentachlorophenol	16.89	266	266185	39.59	ng		97
70) Phenanthrene	17.28	178	2022480	40.81	ng		100
71) Anthracene	17.37	178	2083173	41.52	ng		99
72) Carbazole	17.64	167	2060738	42.88	ng		98
73) Di-n-butylphthalate	18.20	149	2125976	43.31	ng	#	97
74) Fluoranthene	19.30	202	2529102	43.08	ng		99
76) Benzidine	19.49	184	1288500	37.09	ng		98
77) Pyrene	19.66	202	2652565	40.12	ng		99
79) Butylbenzylphthalate	20.55	149	1023356	42.98	ng	#	78
80) Benzo(a)anthracene	21.40	228	2759477	40.53	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	1090713	42.78	ng		99
82) Chrysene	21.46	228	2632889	40.50	ng		100
83) Bis(2-ethylhexyl)phthalate	21.32	149	1515216	42.65	ng		99
84) Di-n-octyl phthalate	22.22	149	2630185	44.49	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.11	276	2986289	42.12	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2831417	41.50	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	2688755	40.98	ng	#	97
89) Benzo(a)pyrene	23.64	252	2652209	41.98	ng		97
90) Dibenzo(a,h)anthracene	26.12	278	2579994	41.69	ng	#	96
91) Benzo(g,h,i)perylene	26.84	276	2500372	41.44	ng	#	92

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

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