Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
Data File : BM009466.D
Acq On : 31 Mar 2017 02:10
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Mar 31 08:56:21 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	135561	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	569320	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	367553	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	858850	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	1144960	20.00	ng		0.00
86) Perylene-d12	23.74	264	1052431	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	647484	79.61	ng		-0.01
7) Phenol-d6	7.01	99	929450	83.81	ng		-0.01
23) Nitrobenzene-d5	9.02	82	1249790	82.31	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	398176	87.20	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2390861	78.38	ng		-0.01
78) Terphenyl-d14	19.86	244	4527965	82.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	146255	35.76	ng	#	100
3) Pyridine	3.75	79	460011	39.80	ng	#	82
4) n-Nitrosodimethylamine	3.67	42	251611	40.90	ng	#	62
6) Aniline	7.18	93	630626	41.84	ng	#	87
8) 2-Chlorophenol	7.41	128	344239	41.75	ng	#	79
9) Benzaldehyde	7.00	77	323393	37.05	ng	#	78
10) Phenol	7.03	94	505225	42.04	ng		91
11) bis(2-Chloroethyl)ether	7.27	93	410300	41.66	ng	#	82
12) 1,3-Dichlorobenzene	7.73	146	403248	40.85	ng	#	88
13) 1,4-Dichlorobenzene	7.89	146	408112	40.01	ng	#	91
14) 1,2-Dichlorobenzene	8.20	146	405689	40.95	ng		93
15) Benzyl Alcohol	8.09	79	417369	43.05	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.37	45	712999	41.65	ng		95
17) 2-Methylphenol	8.29	107	348137	44.27	ng	#	84
18) Hexachloroethane	8.92	117	171450	41.09	ng		92
19) n-Nitroso-di-n-propylamine	8.66	70	401223	44.88	ng	#	88
20) 3+4-Methylphenols	8.61	107	469469	43.91	ng		88
22) Acetophenone	8.67	105	646096	40.24	ng	#	88
24) Nitrobenzene	9.06	77	605079	40.67	ng	#	89
25) Isophorone	9.57	82	1006353	43.45	ng	#	89
26) 2-Nitrophenol	9.76	139	184068	41.03	ng	#	40
27) 2,4-Dimethylphenol	9.82	122	343159	41.81	ng	#	78
28) bis(2-Chloroethoxy)methane	10.06	93	588719	41.05	ng		99
29) 2,4-Dichlorophenol	10.29	162	363405	42.35	ng		99
30) 1,2,4-Trichlorobenzene	10.51	180	428975	40.29	ng		99
31) Naphthalene	10.70	128	1229054	40.67	ng		99
32) Benzoic acid	9.94	122	215289	38.57	ng	#	77
33) 4-Chloroaniline	10.81	127	520592	44.66	ng	#	81
34) Hexachlorobutadiene	10.97	225	286777	39.34	ng		98
35) Caprolactam	11.60	113	120068	45.83	ng	#	61
36) 4-Chloro-3-methylphenol	11.93	107	441577	45.49	ng	#	80
37) 2-Methylnaphthalene	12.31	142	897020	43.01	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	526997	37.98	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	281140	35.30	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	319092	40.22	ng		98
43) 2,4,5-Trichlorophenol	12.99	196	357788	40.41	ng	#	87
45) 1,1'-Biphenyl	13.32	154	1221278	39.92	ng		96
46) 2-Chloronaphthalene	13.37	162	930392	39.16	ng		96
47) 2-Nitroaniline	13.58	65	385702	44.06	ng	#	70
48) Acenaphthylene	14.22	152	1581925	40.88	ng		99
49) Dimethylphthalate	13.95	163	1174380	41.61	ng	#	99
50) 2,6-Dinitrotoluene	14.07	165	258568	42.52	ng	#	62
51) Acenaphthene	14.56	154	963681	41.27	ng		97
52) 3-Nitroaniline	14.41	138	272363	45.46	ng	#	58
53) 2,4-Dinitrophenol	14.62	184	128289	34.61	ng		95
54) Dibenzofuran	14.89	168	1409703	40.82	ng		95
55) 4-Nitrophenol	14.70	139	207454	41.89	ng	#	16
56) 2,4-Dinitrotoluene	14.86	165	365511	44.42	ng		95
57) Fluorene	15.54	166	1291495	41.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	313944	41.93	ng	#	100
59) Diethylphthalate	15.31	149	1219555	42.60	ng		98
60) 4-Chlorophenyl-phenylether	15.53	204	657704	40.58	ng		99
61) 4-Nitroaniline	15.57	138	285714	43.90	ng	#	34
62) Azobenzene	15.83	77	1477371	44.20	ng		86
64) 4,6-Dinitro-2-methylphenol	15.63	198	212210	39.22	ng		91
65) n-Nitrosodiphenylamine	15.75	169	1077547	41.30	ng		98
66) 4-Bromophenyl-phenylether	16.43	248	406271	40.83	ng	#	88
67) Hexachlorobenzene	16.54	284	451799	41.42	ng	#	92
68) Atrazine	16.70	200	406732	41.45	ng		97
69) Pentachlorophenol	16.89	266	264647	39.72	ng		96
70) Phenanthrene	17.29	178	2045746	41.66	ng		99
71) Anthracene	17.37	178	2112060	42.48	ng		99
72) Carbazole	17.65	167	2068306	43.44	ng		98
73) Di-n-butylphthalate	18.20	149	2161431	44.44	ng	#	97
74) Fluoranthene	19.30	202	2497777	42.94	ng		99
76) Benzidine	19.49	184	1258244	36.87	ng		100
77) Pyrene	19.66	202	2687701	41.39	ng		98
79) Butylbenzylphthalate	20.55	149	987399	42.23	ng	#	77
80) Benzo(a)anthracene	21.40	228	2739505	40.97	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	1059847	42.32	ng	#	96
82) Chrysene	21.46	228	2622607	41.07	ng		98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1475065	42.27	ng		97
84) Di-n-octyl phthalate	22.21	149	2521932	43.43	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2887778	41.47	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2778057	41.64	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	2599857	40.52	ng	#	97
89) Benzo(a)pyrene	23.64	252	2564582	41.52	ng		98
90) Dibenzo(a,h)anthracene	26.12	278	2508050	41.44	ng	#	96
91) Benzo(g,h,i)perylene	26.84	276	2420803	41.03	ng	#	92

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

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