Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018578.D
Acq On : 16 Jan 2019 11:20
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jan 16 13:40:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 13:36:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	265491	20.00	ng		0.00
21) Naphthalene-d8	10.54	136	1038631	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	565654	20.00	ng		0.00
64) Phenanthrene-d10	17.14	188	1211473	20.00	ng		0.00
76) Chrysene-d12	21.34	240	1210688	20.00	ng		0.00
87) Perylene-d12	23.61	264	1198753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1138556	79.19	ng		0.00
7) Phenol-d6	6.92	99	1440761	78.89	ng		0.00
23) Nitrobenzene-d5	8.92	82	1401521	78.23	ng		0.00
42) 2,4,6-Tribromophenol	15.89	330	606057	84.15	ng		0.00
45) 2-Fluorobiphenyl	13.01	172	3487850	80.46	ng		0.00
79) Terphenyl-d14	19.77	244	4889242	85.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	213953	36.510	ng		95
3) Pyridine	3.67	79	562950	38.531	ng		97
4) n-Nitrosodimethylamine	3.60	42	232441	38.474	ng	#	92
6) Aniline	7.09	93	856906	42.065	ng		98
8) 2-Chlorophenol	7.31	128	671877	40.011	ng		95
9) Benzaldehyde	6.90	77	382879	35.218	ng		96
10) Phenol	6.95	94	720735	38.839	ng		98
11) bis(2-Chloroethyl)ether	7.18	93	568575	38.994	ng		95
12) 1,3-Dichlorobenzene	7.63	146	790557	39.531	ng		99
13) 1,4-Dichlorobenzene	7.78	146	799976	39.467	ng		99
14) 1,2-Dichlorobenzene	8.10	146	760811	39.585	ng		99
15) Benzyl Alcohol	7.99	79	544912	41.313	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	720557	38.669	ng		94
17) 2-Methylphenol	8.19	107	509993	40.487	ng		99
18) Hexachloroethane	8.82	117	287982	39.848	ng		93
19) n-Nitroso-di-n-propylamine	8.56	70	462142	38.886	ng		93
20) 3+4-Methylphenols	8.52	107	704641	40.522	ng		98
22) Acetophenone	8.57	105	987142	38.420	ng	#	97
24) Nitrobenzene	8.96	77	683138	38.752	ng		96
25) Isophorone	9.47	82	1079744	39.798	ng		97
26) 2-Nitrophenol	9.66	139	384409	45.097	ng		95
27) 2,4-Dimethylphenol	9.72	122	512104	40.082	ng		98
28) bis(2-Chloroethoxy)methane	9.96	93	732066	39.060	ng		99
29) 2,4-Dichlorophenol	10.19	162	625045	41.084	ng		98
30) 1,2,4-Trichlorobenzene	10.40	180	743370	39.366	ng		99
31) Naphthalene	10.59	128	1940951	38.803	ng		100
32) Benzoic acid	9.85	122	319107	38.572	ng		97
33) 4-Chloroaniline	10.71	127	841154	42.699	ng		98
34) Hexachlorobutadiene	10.86	225	481094	40.327	ng		99
35) Caprolactam	11.52	113	196859	38.059	ng	#	87
36) 4-Chloro-3-methylphenol	11.83	107	634872	39.776	ng		98
37) 2-Methylnaphthalene	12.20	142	1356747	38.390	ng		99
38) 1-Methylnaphthalene	12.43	142	1312822	38.392	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	806348	40.764	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.54	237	459067	42.286 ng		100
43) 2,4,6-Trichlorophenol	12.82	196	513248	42.728 ng		99
44) 2,4,5-Trichlorophenol	12.89	196	532996	42.190 ng		98
46) 1,1'-Biphenyl	13.22	154	1944451	39.369 ng		98
47) 2-Chloronaphthalene	13.27	162	1503278	39.250 ng		99
48) 2-Nitroaniline	13.49	65	378222	40.139 ng		90
49) Acenaphthylene	14.12	152	2197029	39.363 ng		99
50) Dimethylphthalate	13.86	163	1793255	38.601 ng		99
51) 2,6-Dinitrotoluene	13.99	165	394920	40.133 ng		89
52) Acenaphthene	14.46	154	1327606	38.874 ng		98
53) 3-Nitroaniline	14.32	138	409483	41.276 ng		97
54) 2,4-Dinitrophenol	14.52	184	173468	36.834 ng		92
55) Dibenzofuran	14.79	168	2146116	38.033 ng		99
56) 4-Nitrophenol	14.63	139	320539	37.400 ng		97
57) 2,4-Dinitrotoluene	14.77	165	534160	38.365 ng		100
58) Fluorene	15.44	166	1608654	38.270 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.02	232	459660	41.049 ng		97
60) Diethylphthalate	15.22	149	1821409	38.838 ng		100
61) 4-Chlorophenyl-phenylether	15.44	204	936013	38.636 ng		99
62) 4-Nitroaniline	15.49	138	387747	35.833 ng		99
63) Azobenzene	15.73	77	1471908	38.495 ng		98
65) 4,6-Dinitro-2-methylphenol	15.53	198	305652	40.528 ng		88
66) n-Nitrosodiphenylamine	15.66	169	1522628	40.518 ng		99
67) 4-Bromophenyl-phenylether	16.34	248	567279	41.844 ng		97
68) Hexachlorobenzene	16.44	284	607977	40.059 ng		99
69) Atrazine	16.62	200	558396	41.102 ng		99
70) Pentachlorophenol	16.79	266	423191	42.576 ng		99
71) Phenanthrene	17.19	178	2500253	38.801 ng		99
72) Anthracene	17.28	178	2487281	40.141 ng		100
73) Carbazole	17.56	167	2471444	38.822 ng		99
74) Di-n-butylphthalate	18.11	149	3057190	43.841 ng		99
75) Fluoranthene	19.21	202	2850388	38.367 ng		97
77) Benzidine	19.40	184	1314532	43.974 ng		99
78) Pyrene	19.57	202	2947299	41.070 ng		100
80) Butylbenzylphthalate	20.47	149	1367795	44.667 ng		94
81) Benzo(a)anthracene	21.32	228	2828909	39.663 ng		100
82) 3,3'-Dichlorobenzidine	21.26	252	1123929	41.672 ng		99
83) Chrysene	21.37	228	2707577	39.312 ng		99
84) Bis(2-ethylhexyl)phthalate	21.24	149	1993566	45.084 ng		99
85) Di-n-octyl phthalate	22.13	149	3351138	45.059 ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.92	276	3040401	38.283 ng		97
88) Benzo(b)fluoranthene	22.93	252	2640676	38.802 ng		98
89) Benzo(k)fluoranthene	22.97	252	2712786	39.553 ng		98
90) Benzo(a)pyrene	23.51	252	2576904	39.551 ng		97
91) Dibenzo(a,h)anthracene	25.94	278	2573805	38.987 ng		98
92) Benzo(g,h,i)perylene	26.64	276	2497686	38.879 ng		97

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

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