Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031419\
Data File : BM019162.D
Acq On : 14 Mar 2019 10:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Mar 14 14:36:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	172195	20.00	ng		0.00
21) Naphthalene-d8	10.44	136	836054	20.00	ng		-0.01
39) Acenaphthene-d10	14.31	164	527913	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	1201160	20.00	ng		-0.01
76) Chrysene-d12	21.27	240	1359329	20.00	ng		0.00
87) Perylene-d12	23.50	264	1301586	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	845001	79.47	ng		0.00
7) Phenol-d6	6.83	99	1316714	84.66	ng		-0.01
23) Nitrobenzene-d5	8.83	82	1416880	80.11	ng		0.00
42) 2,4,6-Tribromophenol	15.81	330	652962	83.77	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	3104026	76.48	ng		-0.01
79) Terphenyl-d14	19.70	244	5304005	77.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	168844	35.696	ng		99
3) Pyridine	3.62	79	555098	43.136	ng		99
4) n-Nitrosodimethylamine	3.54	42	150764	37.685	ng		99
6) Aniline	7.00	93	821425	40.908	ng		99
8) 2-Chlorophenol	7.22	128	525613	41.136	ng		99
9) Benzaldehyde	6.82	77	397800	40.664	ng		99
10) Phenol	6.86	94	721305	43.034	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	515005	40.266	ng		99
12) 1,3-Dichlorobenzene	7.54	146	529797	39.181	ng		99
13) 1,4-Dichlorobenzene	7.69	146	541164	39.256	ng		97
14) 1,2-Dichlorobenzene	8.00	146	530517	39.555	ng		99
15) Benzyl Alcohol	7.91	79	547651	42.546	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	513590	39.327	ng		98
17) 2-Methylphenol	8.10	107	462451	42.340	ng		99
18) Hexachloroethane	8.72	117	201745	39.384	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	530629	41.587	ng		99
20) 3+4-Methylphenols	8.43	107	648908	43.768	ng		99
22) Acetophenone	8.49	105	914027	39.560	ng	#	99
24) Nitrobenzene	8.87	77	737354	40.086	ng		100
25) Isophorone	9.39	82	1352327	40.070	ng		100
26) 2-Nitrophenol	9.57	139	318728	41.802	ng		98
27) 2,4-Dimethylphenol	9.63	122	467681	41.259	ng		97
28) bis(2-Chloroethoxy)methane	9.87	93	798900	39.978	ng		99
29) 2,4-Dichlorophenol	10.09	162	542170	43.187	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	555977	39.276	ng		98
31) Naphthalene	10.49	128	1739642	39.478	ng		100
32) Benzoic acid	9.80	122	349973	36.456	ng		97
33) 4-Chloroaniline	10.62	127	765086	42.355	ng		99
34) Hexachlorobutadiene	10.75	225	311100	38.296	ng		98
35) Caprolactam	11.45	113	204235m	45.670	ng		
36) 4-Chloro-3-methylphenol	11.75	107	666638	43.036	ng		99
37) 2-Methylnaphthalene	12.11	142	1292618	40.367	ng		100
38) 1-Methylnaphthalene	12.33	142	1277024	40.460	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	637595	38.181	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	311929	41.238 ng	98
43) 2,4,6-Trichlorophenol	12.73	196	441456	40.907 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	477044	41.338 ng	99
46) 1,1'-Biphenyl	13.14	154	1774890	38.498 ng	100
47) 2-Chloronaphthalene	13.18	162	1339524	38.925 ng	100
48) 2-Nitroaniline	13.41	65	486342	42.140 ng	98
49) Acenaphthylene	14.03	152	2294866	39.439 ng	100
50) Dimethylphthalate	13.78	163	1771917	39.236 ng	99
51) 2,6-Dinitrotoluene	13.91	165	399272	40.899 ng	98
52) Acenaphthene	14.37	154	1298266	38.830 ng	99
53) 3-Nitroaniline	14.24	138	416401	40.272 ng	98
54) 2,4-Dinitrophenol	14.46	184	212436	37.470 ng	99
55) Dibenzofuran	14.72	168	2112118	39.171 ng	100
56) 4-Nitrophenol	14.56	139	333680	39.526 ng	98
57) 2,4-Dinitrotoluene	14.70	165	566573	39.981 ng	98
58) Fluorene	15.36	166	1755210	39.492 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	438000	40.770 ng	99
60) Diethylphthalate	15.14	149	1813216	39.644 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	851233	39.434 ng	98
62) 4-Nitroaniline	15.42	138	428029	41.078 ng	99
63) Azobenzene	15.66	77	1965881	40.846 ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	278875	35.430 ng	98
66) n-Nitrosodiphenylamine	15.58	169	1517979	39.695 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	521311	39.357 ng	97
68) Hexachlorobenzene	16.36	284	621667	39.477 ng	98
69) Atrazine	16.54	200	515836	40.072 ng	98
70) Pentachlorophenol	16.72	266	368328	38.821 ng	99
71) Phenanthrene	17.11	178	2784517	39.550 ng	99
72) Anthracene	17.20	178	2753803	39.955 ng	100
73) Carbazole	17.48	167	2641276	40.603 ng	99
74) Di-n-butylphthalate	18.03	149	3190381	40.557 ng	100
75) Fluoranthene	19.13	202	3222513	39.889 ng	99
77) Benzidine	19.33	184	1796576	46.602 ng	99
78) Pyrene	19.50	202	3344272	38.884 ng	100
80) Butylbenzylphthalate	20.40	149	1540399	41.121 ng	100
81) Benzo(a)anthracene	21.25	228	3349548	39.277 ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	1316899	40.085 ng	99
83) Chrysene	21.30	228	3206255	38.863 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2263486	41.533 ng	100
85) Di-n-octyl phthalate	22.05	149	3908268	42.588 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3366514	37.906 ng	100
88) Benzo(b)fluoranthene	22.83	252	3335446	39.548 ng	99
89) Benzo(k)fluoranthene	22.87	252	3148398	40.586 ng	99
90) Benzo(a)pyrene	23.41	252	2995138	39.517 ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2837014	39.129 ng	99
92) Benzo(g,h,i)perylene	26.46	276	2602847	39.102 ng	99

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

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