Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
Data File : BM021067.D
Acq On : 20 Jun 2019 18:37
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jun 21 04:15:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	206743	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	946957	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	633325	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1555223	20.00	ng		0.00
76) Chrysene-d12	21.36	240	1760396	20.00	ng		0.00
87) Perylene-d12	23.63	264	2017241	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	897375	78.60	ng		0.00
7) Phenol-d6	6.95	99	1315498	79.12	ng		0.00
23) Nitrobenzene-d5	8.95	82	1407893	77.48	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	943613	79.40	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	3990178	77.43	ng		0.00
79) Terphenyl-d14	19.79	244	6649207	70.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	169366	39.372	ng		99
3) Pyridine	3.72	79	532202	43.024	ng		99
4) n-Nitrosodimethylamine	3.63	42	195785	41.105	ng		96
6) Aniline	7.12	93	893472	40.346	ng		99
8) 2-Chlorophenol	7.35	128	557782	39.694	ng		99
9) Benzaldehyde	6.93	77	355353	42.583	ng		98
10) Phenol	6.97	94	675186	39.749	ng		99
11) bis(2-Chloroethyl)ether	7.21	93	532064	39.563	ng		98
12) 1,3-Dichlorobenzene	7.67	146	665927	39.116	ng		99
13) 1,4-Dichlorobenzene	7.82	146	678245	39.185	ng		99
14) 1,2-Dichlorobenzene	8.13	146	664987	39.203	ng		99
15) Benzyl Alcohol	8.02	79	538793	40.021	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.31	45	697480	40.096	ng		99
17) 2-Methylphenol	8.22	107	488022	40.221	ng		99
18) Hexachloroethane	8.85	117	242439	39.011	ng		94
19) n-Nitroso-di-n-propylamine	8.59	70	493521	40.788	ng		99
20) 3+4-Methylphenols	8.55	107	673395	40.320	ng		98
22) Acetophenone	8.60	105	935146	38.752	ng	#	99
24) Nitrobenzene	8.99	77	703817	39.103	ng		99
25) Isophorone	9.50	82	1338885	39.382	ng		99
26) 2-Nitrophenol	9.69	139	336401	38.170	ng		97
27) 2,4-Dimethylphenol	9.75	122	509726	39.654	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	828704	39.227	ng		100
29) 2,4-Dichlorophenol	10.22	162	640190	38.482	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	750278	38.258	ng		99
31) Naphthalene	10.62	128	1940025	38.713	ng		99
32) Benzoic acid	9.89	122	393613	37.851	ng		98
33) 4-Chloroaniline	10.73	127	905405	39.799	ng		99
34) Hexachlorobutadiene	10.89	225	471056	38.042	ng		99
35) Caprolactam	11.54	113	210404	40.435	ng		97
36) 4-Chloro-3-methylphenol	11.86	107	677754	40.036	ng		99
37) 2-Methylnaphthalene	12.23	142	1507045	39.084	ng		99
38) 1-Methylnaphthalene	12.45	142	1444375	39.273	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	905749	37.784	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	524226	37.724 ng	98
43) 2,4,6-Trichlorophenol	12.85	196	614364	38.731 ng	99
44) 2,4,5-Trichlorophenol	12.92	196	636247	38.734 ng	99
46) 1,1'-Biphenyl	13.25	154	2097162	38.689 ng	100
47) 2-Chloronaphthalene	13.29	162	1703575	38.696 ng	100
48) 2-Nitroaniline	13.51	65	486116	40.363 ng	98
49) Acenaphthylene	14.15	152	2642088	39.437 ng	99
50) Dimethylphthalate	13.89	163	2237092	39.729 ng	100
51) 2,6-Dinitrotoluene	14.01	165	484155	39.967 ng	97
52) Acenaphthene	14.49	154	1577637	39.030 ng	99
53) 3-Nitroaniline	14.34	138	502032	40.651 ng	98
54) 2,4-Dinitrophenol	14.54	184	273544	42.037 ng	98
55) Dibenzofuran	14.82	168	2605108	39.507 ng	100
56) 4-Nitrophenol	14.64	139	395185	41.847 ng	99
57) 2,4-Dinitrotoluene	14.80	165	677678	40.514 ng	99
58) Fluorene	15.47	166	2139022	39.702 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	622980	39.694 ng	99
60) Diethylphthalate	15.25	149	2235435	40.309 ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	1188699	39.054 ng	100
62) 4-Nitroaniline	15.51	138	556328	42.920 ng	99
63) Azobenzene	15.76	77	1844257	40.541 ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	369188	38.501 ng	98
66) n-Nitrosodiphenylamine	15.69	169	1892853	38.613 ng	99
67) 4-Bromophenyl-phenylether	16.36	248	779128	37.633 ng	99
68) Hexachlorobenzene	16.47	284	935341	37.817 ng	99
69) Atrazine	16.64	200	681228	42.735 ng	98
70) Pentachlorophenol	16.82	266	531338	39.872 ng	100
71) Phenanthrene	17.21	178	3551459	39.624 ng	100
72) Anthracene	17.30	178	3533488	39.798 ng	100
73) Carbazole	17.57	167	3229614	41.140 ng	100
74) Di-n-butylphthalate	18.13	149	3939523	40.993 ng	100
75) Fluoranthene	19.23	202	4424931	42.751 ng	100
77) Benzidine	19.42	184	2162966	42.313 ng	100
78) Pyrene	19.59	202	4567856	35.778 ng	100
80) Butylbenzylphthalate	20.49	149	1899024	37.318 ng	98
81) Benzo(a)anthracene	21.34	228	4744405	39.536 ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	1891602	41.617 ng	99
83) Chrysene	21.39	228	4569326	39.970 ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	2818205	38.911 ng	99
85) Di-n-octyl phthalate	22.16	149	4867846	42.737 ng	100
86) Indeno(1,2,3-cd)pyrene	25.94	276	5766723	45.589 ng	100
88) Benzo(b)fluoranthene	22.95	252	5060257	37.183 ng	100
89) Benzo(k)fluoranthene	23.00	252	5037824	38.296 ng	99
90) Benzo(a)pyrene	23.53	252	4739265	38.594 ng	100
91) Dibenzo(a,h)anthracene	25.95	278	4847511	39.595 ng	100
92) Benzo(g,h,i)perylene	26.64	276	4420146	38.716 ng	99

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

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