Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114988.D
Acq On : 13 Jun 2019 8:13
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 13 17:30:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	335188	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1357590	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	660440	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1273505	20.00	ng	0.00
76) Chrysene-d12	13.78	240	698142	20.00	ng	0.00
87) Perylene-d12	15.14	264	761605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1606505	80.03	ng	0.00
7) Phenol-d6	6.30	99	1960238	80.95	ng	0.00
23) Nitrobenzene-d5	7.22	82	1816644	80.55	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	581050	82.16	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	3081873	79.09	ng	0.00
79) Terphenyl-d14	12.73	244	2985326	80.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	383788	40.845	ng	100
3) Pyridine	2.95	79	1083087	40.942	ng	99
4) n-Nitrosodimethylamine	2.90	42	388294	41.343	ng	97
6) Aniline	6.32	93	1307988	40.335	ng	88
8) 2-Chlorophenol	6.44	128	925577	40.664	ng	100
9) Benzaldehyde	6.19	77	570937	42.065	ng	99
10) Phenol	6.31	94	1077261	39.763	ng	100
11) bis(2-Chloroethyl)ether	6.39	93	861723	40.980	ng	100
12) 1,3-Dichlorobenzene	6.59	146	1066630	40.119	ng	99
13) 1,4-Dichlorobenzene	6.67	146	1068382	39.971	ng	99
14) 1,2-Dichlorobenzene	6.82	146	968865	38.502	ng	99
15) Benzyl Alcohol	6.80	79	707088	38.974	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	1145287	40.695	ng	99
17) 2-Methylphenol	6.92	107	784429	41.317	ng	99
18) Hexachloroethane	7.16	117	396254	41.051	ng	100
19) n-Nitroso-di-n-propylamine	7.08	70	592290	40.258	ng	98
20) 3+4-Methylphenols	7.07	107	864278	38.250	ng	95
22) Acetophenone	7.07	105	1240806	40.376	ng	98
24) Nitrobenzene	7.24	77	948301	41.324	ng	98
25) Isophorone	7.48	82	1736575	41.110	ng	100
26) 2-Nitrophenol	7.55	139	528276	41.301	ng	100
27) 2,4-Dimethylphenol	7.60	122	749348	40.611	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	1098028	40.515	ng	99
29) 2,4-Dichlorophenol	7.80	162	808388	41.471	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	917003	40.713	ng	98
31) Naphthalene	7.96	128	2554517	39.769	ng	100
32) Benzoic acid	7.75	122	556543	41.686	ng	97
33) 4-Chloroaniline	8.00	127	1231575	41.537	ng	99
34) Hexachlorobutadiene	8.08	225	510277	40.759	ng	100
35) Caprolactam	8.39	113	279636	43.072	ng	97
36) 4-Chloro-3-methylphenol	8.50	107	816308	41.555	ng	99
37) 2-Methylnaphthalene	8.65	142	1712380	39.970	ng	99
38) 1-Methylnaphthalene	8.74	142	1642795	40.571	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	787441	40.357	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	396158	41.204	ng		98
43) 2,4,6-Trichlorophenol	8.92	196	590926	40.548	ng		99
44) 2,4,5-Trichlorophenol	8.97	196	617139	41.903	ng		98
46) 1,1'-Biphenyl	9.11	154	2013604	38.047	ng		100
47) 2-Chloronaphthalene	9.13	162	1728486	40.388	ng		99
48) 2-Nitroaniline	9.23	65	528027	41.743	ng		97
49) Acenaphthylene	9.55	152	2514920	38.220	ng		100
50) Dimethylphthalate	9.42	163	2015729	40.584	ng		99
51) 2,6-Dinitrotoluene	9.47	165	468833	41.613	ng	#	83
52) Acenaphthene	9.72	154	1492261	39.639	ng		99
53) 3-Nitroaniline	9.64	138	566709	41.054	ng		100
54) 2,4-Dinitrophenol	9.75	184	230889	42.251	ng		97
55) Dibenzofuran	9.89	168	2129432	37.531	ng		98
56) 4-Nitrophenol	9.80	139	404698	42.514	ng		98
57) 2,4-Dinitrotoluene	9.87	165	597045	41.635	ng		98
58) Fluorene	10.23	166	1544152	39.877	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	491021	41.274	ng		99
60) Diethylphthalate	10.11	149	1905729	40.129	ng		99
61) 4-Chlorophenyl-phenylether	10.22	204	762736	39.817	ng		98
62) 4-Nitroaniline	10.25	138	586583	42.264	ng		98
63) Azobenzene	10.38	77	1679533	40.425	ng		98
65) 4,6-Dinitro-2-methylphenol	10.28	198	300281	42.069	ng		97
66) n-Nitrosodiphenylamine	10.34	169	1545800	40.607	ng		99
67) 4-Bromophenyl-phenylether	10.70	248	556888	40.727	ng		94
68) Hexachlorobenzene	10.77	284	612028	40.656	ng		95
69) Atrazine	10.87	200	495207	40.348	ng		99
70) Pentachlorophenol	10.96	266	359325	43.952	ng		98
71) Phenanthrene	11.18	178	2501602	38.045	ng		100
72) Anthracene	11.23	178	2524716	38.061	ng		100
73) Carbazole	11.39	167	2332845	40.292	ng		100
74) Di-n-butylphthalate	11.73	149	2755281	37.748	ng		99
75) Fluoranthene	12.36	202	2567381	38.185	ng		98
77) Benzidine	12.48	184	1169546	41.417	ng		98
78) Pyrene	12.59	202	2595525	40.811	ng		100
80) Butylbenzylphthalate	13.21	149	1245545	41.929	ng		96
81) Benzo(a)anthracene	13.76	228	2179866	41.725	ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	853054	42.590	ng	#	99
83) Chrysene	13.80	228	2128294	40.967	ng		99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1434548	40.860	ng		99
85) Di-n-octyl phthalate	14.38	149	2504401	41.423	ng		100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1964460	43.047	ng		100
88) Benzo(b)fluoranthene	14.77	252	1923645	37.995	ng		99
89) Benzo(k)fluoranthene	14.80	252	1872789	42.143	ng		97
90) Benzo(a)pyrene	15.10	252	1776203	40.657	ng		99
91) Dibenzo(a,h)anthracene	16.47	278	1573756	41.829	ng		99
92) Benzo(g,h,i)perylene	16.84	276	1611233	41.992	ng		100

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

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