Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115107.D
Acq On : 22 Jun 2019 8:49
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 24 04:31:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	217115	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	892622	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	437554	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	845762	20.00	ng	0.00
76) Chrysene-d12	13.73	240	625697	20.00	ng	-0.02
87) Perylene-d12	15.09	264	739352	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1160138	82.46	ng	0.00
7) Phenol-d6	6.25	99	1406259	82.35	ng	0.00
23) Nitrobenzene-d5	7.18	82	1212337	83.55	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	397134	86.07	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2174101	84.40	ng	-0.01
79) Terphenyl-d14	12.69	244	2422962	82.33	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	269976	40.659	ng	100
3) Pyridine	2.84	79	752015	40.182	ng	98
4) n-Nitrosodimethylamine	2.78	42	290096	39.540	ng	99
6) Aniline	6.27	93	965782	41.150	ng	97
8) 2-Chlorophenol	6.40	128	658298	41.611	ng	100
9) Benzaldehyde	6.15	77	456357	40.962	ng	99
10) Phenol	6.27	94	825403	41.263	ng	91
11) bis(2-Chloroethyl)ether	6.35	93	608023	41.235	ng	98
12) 1,3-Dichlorobenzene	6.55	146	718963	40.949	ng	99
13) 1,4-Dichlorobenzene	6.63	146	726783	41.280	ng	99
14) 1,2-Dichlorobenzene	6.78	146	682739	41.874	ng	99
15) Benzyl Alcohol	6.76	79	510196	41.030	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	871719	40.761	ng	99
17) 2-Methylphenol	6.87	107	527565	40.400	ng	98
18) Hexachloroethane	7.13	117	261674	41.226	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	440158	40.260	ng	100
20) 3+4-Methylphenols	7.03	107	612412	40.615	ng	97
22) Acetophenone	7.02	105	831447	40.687	ng	99
24) Nitrobenzene	7.20	77	659729	41.269	ng	99
25) Isophorone	7.44	82	1185561	39.884	ng	99
26) 2-Nitrophenol	7.51	139	345620	43.779	ng	99
27) 2,4-Dimethylphenol	7.56	122	524323	40.564	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	770315	41.001	ng	100
29) 2,4-Dichlorophenol	7.75	162	546445	40.965	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	616442	41.837	ng	99
31) Naphthalene	7.92	128	1804077	41.173	ng	100
32) Benzoic acid	7.68	122	384972	41.724	ng	97
33) 4-Chloroaniline	7.97	127	818435	40.870	ng	99
34) Hexachlorobutadiene	8.05	225	338211	41.887	ng	99
35) Caprolactam	8.34	113	178248	39.745	ng	97
36) 4-Chloro-3-methylphenol	8.45	107	549768	40.696	ng	99
37) 2-Methylnaphthalene	8.61	142	1218426	41.242	ng	99
38) 1-Methylnaphthalene	8.71	142	1170734	41.492	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	522135	42.228	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	294005	40.100	ng		98
43) 2,4,6-Trichlorophenol	8.88	196	389271	40.779	ng		99
44) 2,4,5-Trichlorophenol	8.92	196	413798	42.094	ng		97
46) 1,1'-Biphenyl	9.07	154	1408342	40.226	ng		99
47) 2-Chloronaphthalene	9.09	162	1195475	42.096	ng		97
48) 2-Nitroaniline	9.18	65	349353	42.195	ng		94
49) Acenaphthylene	9.50	152	1830782	41.377	ng		99
50) Dimethylphthalate	9.38	163	1311151	40.729	ng		100
51) 2,6-Dinitrotoluene	9.43	165	312497	42.047	ng		91
52) Acenaphthene	9.68	154	1149406	41.514	ng		99
53) 3-Nitroaniline	9.59	138	384044	42.344	ng		98
54) 2,4-Dinitrophenol	9.69	184	140916	40.809	ng	#	86
55) Dibenzofuran	9.84	168	1602019	40.314	ng		99
56) 4-Nitrophenol	9.75	139	298292	41.024	ng		95
57) 2,4-Dinitrotoluene	9.82	165	408805	42.600	ng		93
58) Fluorene	10.18	166	1132489	42.427	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	345245	41.883	ng		100
60) Diethylphthalate	10.08	149	1330000	41.101	ng		99
61) 4-Chlorophenyl-phenylether	10.18	204	546371	43.180	ng		98
62) 4-Nitroaniline	10.20	138	370811	40.755	ng		98
63) Azobenzene	10.34	77	1235585	40.880	ng		98
65) 4,6-Dinitro-2-methylphenol	10.23	198	186589	42.138	ng		90
66) n-Nitrosodiphenylamine	10.30	169	1097906	41.667	ng		100
67) 4-Bromophenyl-phenylether	10.67	248	386931	42.196	ng		97
68) Hexachlorobenzene	10.73	284	422577	42.456	ng		96
69) Atrazine	10.83	200	348151	41.074	ng		99
70) Pentachlorophenol	10.92	266	272616	42.993	ng		99
71) Phenanthrene	11.14	178	1817450	39.911	ng		100
72) Anthracene	11.19	178	1853575	40.324	ng		99
73) Carbazole	11.34	167	1686402	41.085	ng		100
74) Di-n-butylphthalate	11.69	149	1991022	41.977	ng		100
75) Fluoranthene	12.31	202	1894345	41.694	ng		99
77) Benzidine	12.44	184	1147066	41.286	ng		98
78) Pyrene	12.54	202	1920215	39.934	ng		100
80) Butylbenzylphthalate	13.18	149	864702	40.748	ng		94
81) Benzo(a)anthracene	13.72	228	1829249	40.744	ng		99
82) 3,3'-Dichlorobenzidine	13.69	252	675944	41.692	ng		98
83) Chrysene	13.76	228	1682504	40.911	ng		100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1162903	41.823	ng		100
85) Di-n-octyl phthalate	14.35	149	1929919	41.310	ng		99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2125380	43.675	ng		99
88) Benzo(b)fluoranthene	14.72	252	1784782	38.687	ng		98
89) Benzo(k)fluoranthene	14.75	252	1753289	42.379	ng		99
90) Benzo(a)pyrene	15.04	252	1715990	41.269	ng		98
91) Dibenzo(a,h)anthracene	16.38	278	1710790	44.072	ng		99
92) Benzo(g,h,i)perylene	16.75	276	1750885	44.565	ng		99

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

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