Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115521.D
Acq On : 12 Jul 2019 10:54
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Jul 12 12:35:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 12:28:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	184739	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	765331	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	370780	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	691173	20.00	ng		0.00
76) Chrysene-d12	14.05	240	416362	20.00	ng		0.00
87) Perylene-d12	15.52	264	367922	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1125799	94.15	ng		0.00
7) Phenol-d6	6.52	99	1435698	94.41	ng		0.00
23) Nitrobenzene-d5	7.46	82	1319646	101.88	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	426629	104.07	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	2187307	103.52	ng		0.00
79) Terphenyl-d14	13.00	244	2198107	108.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	281335	47.969	ng		100
3) Pyridine	3.46	79	767703	47.338	ng		99
4) n-Nitrosodimethylamine	3.42	42	278956	42.418	ng		98
6) Aniline	6.55	93	1009981	47.065	ng		100
8) 2-Chlorophenol	6.67	128	655855	48.577	ng		97
9) Benzaldehyde	6.43	77	390970	40.368	ng		100
10) Phenol	6.53	94	841258	46.237	ng		95
11) bis(2-Chloroethyl)ether	6.63	93	631041	46.752	ng		98
12) 1,3-Dichlorobenzene	6.83	146	726761	49.133	ng		96
13) 1,4-Dichlorobenzene	6.90	146	735990	49.674	ng		99
14) 1,2-Dichlorobenzene	7.06	146	662904	48.325	ng		99
15) Benzyl Alcohol	7.03	79	586763	48.085	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	840646	44.542	ng		100
17) 2-Methylphenol	7.14	107	570798	49.349	ng		99
18) Hexachloroethane	7.40	117	272603	49.389	ng		100
19) n-Nitroso-di-n-propylamine	7.31	70	465165	45.214	ng		99
20) 3+4-Methylphenols	7.29	107	638802	46.755	ng		93
22) Acetophenone	7.30	105	853030	46.515	ng	#	92
24) Nitrobenzene	7.47	77	717367	49.037	ng		96
25) Isophorone	7.72	82	1309273	46.632	ng		98
26) 2-Nitrophenol	7.79	139	375927	62.505	ng		95
27) 2,4-Dimethylphenol	7.82	122	555797	48.464	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	807906	46.664	ng		99
29) 2,4-Dichlorophenol	8.03	162	575687	50.399	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	645370	50.751	ng		99
31) Naphthalene	8.19	128	1831340	48.175	ng		99
32) Benzoic acid	7.96	122	474772	60.586	ng		96
33) 4-Chloroaniline	8.24	127	817652	48.208	ng		98
34) Hexachlorobutadiene	8.32	225	367892	51.014	ng		99
35) Caprolactam	8.63	113	175659	47.217	ng		91
36) 4-Chloro-3-methylphenol	8.72	107	580482	48.045	ng		98
37) 2-Methylnaphthalene	8.89	142	1209314	47.594	ng		98
38) 1-Methylnaphthalene	8.99	142	1155291	47.654	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	563653	52.842	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	329279	53.261	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	417632	53.779	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	416225	51.689	ng		96
46) 1,1'-Biphenyl	9.35	154	1439438	49.382	ng		99
47) 2-Chloronaphthalene	9.37	162	1203977	49.976	ng		100
48) 2-Nitroaniline	9.46	65	375926	53.112	ng		98
49) Acenaphthylene	9.79	152	1765963	48.416	ng		99
50) Dimethylphthalate	9.65	163	1361343	48.917	ng		99
51) 2,6-Dinitrotoluene	9.71	165	315275	52.236	ng		95
52) Acenaphthene	9.96	154	1143665	49.821	ng		99
53) 3-Nitroaniline	9.88	138	362946	51.775	ng		94
54) 2,4-Dinitrophenol	9.98	184	170994	80.965	ng	#	91
55) Dibenzofuran	10.13	168	1571763	48.606	ng		99
56) 4-Nitrophenol	10.03	139	278219	51.298	ng		94
57) 2,4-Dinitrotoluene	10.12	165	417718	54.458	ng		91
58) Fluorene	10.48	166	1141053	44.763	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	349019	50.173	ng		99
60) Diethylphthalate	10.35	149	1289228	47.065	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	595374	47.854	ng		97
62) 4-Nitroaniline	10.49	138	350606	50.953	ng		95
63) Azobenzene	10.63	77	1266866	44.866	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	222229	74.010	ng		90
66) n-Nitrosodiphenylamine	10.59	169	1065434	48.923	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	391849	50.525	ng		97
68) Hexachlorobenzene	11.03	284	451856	51.922	ng		98
69) Atrazine	11.11	200	321346	47.680	ng		99
70) Pentachlorophenol	11.22	266	285576	53.845	ng		98
71) Phenanthrene	11.44	178	1723489	47.413	ng		99
72) Anthracene	11.49	178	1724332	47.305	ng		100
73) Carbazole	11.64	167	1582794	47.464	ng		100
74) Di-n-butylphthalate	11.97	149	1864157	46.255	ng		99
75) Fluoranthene	12.63	202	1754455	45.839	ng		99
77) Benzidine	12.74	184	653057	40.221	ng		98
78) Pyrene	12.86	202	1736620	53.635	ng		99
80) Butylbenzylphthalate	13.47	149	760582	53.764	ng		99
81) Benzo(a)anthracene	14.04	228	1348173	50.535	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	488207	50.434	ng		98
83) Chrysene	14.08	228	1363313	49.736	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	938021	53.542	ng		100
85) Di-n-octyl phthalate	14.64	149	1488080	47.713	ng		100
86) Indeno(1,2,3-cd)pyrene	17.00	276	1127259	47.518	ng		100
88) Benzo(b)fluoranthene	15.09	252	1137359	47.479	ng		99
89) Benzo(k)fluoranthene	15.12	252	1125257	52.819	ng		99
90) Benzo(a)pyrene	15.46	252	1026295	49.672	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	910237	51.555	ng		98
92) Benzo(g,h,i)perylene	17.46	276	912649	54.613	ng		99

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

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