Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
Data File : BF112188.D
Acq On : 22 Jan 2019 12:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 22 13:29:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	267134	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1031637	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	519633	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1020803	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	765201	20.00	ng		0.00
87) Perylene-d12	15.49	264	623662	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1170094	79.50	ng		-0.01
7) Phenol-d6	6.50	99	1441443	78.28	ng		0.00
23) Nitrobenzene-d5	7.42	82	1374350	92.04	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	509144	90.83	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2739352	77.29	ng		0.00
79) Terphenyl-d14	12.96	244	3068254	85.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	248741	36.035	ng		97
3) Pyridine	3.37	79	640923	37.073	ng		100
4) n-Nitrosodimethylamine	3.32	42	256667	36.565	ng		98
6) Aniline	6.52	93	876194	39.122	ng	#	76
8) 2-Chlorophenol	6.65	128	690107	40.373	ng		98
9) Benzaldehyde	6.40	77	374621	36.700	ng		97
10) Phenol	6.52	94	788907	39.201	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	633711	39.603	ng		98
12) 1,3-Dichlorobenzene	6.80	146	789860	40.491	ng		98
13) 1,4-Dichlorobenzene	6.87	146	794599	39.822	ng		98
14) 1,2-Dichlorobenzene	7.03	146	739683	40.244	ng		98
15) Benzyl Alcohol	7.00	79	579187	42.217	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	827353	35.854	ng		91
17) 2-Methylphenol	7.12	107	528906	41.202	ng		97
18) Hexachloroethane	7.36	117	284130	42.664	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	469514	41.854	ng		97
20) 3+4-Methylphenols	7.27	107	660849	42.459	ng	#	86
22) Acetophenone	7.26	105	949177	39.714	ng		99
24) Nitrobenzene	7.44	77	696618	44.020	ng		93
25) Isophorone	7.67	82	1137298	39.433	ng		98
26) 2-Nitrophenol	7.75	139	394456	48.467	ng		95
27) 2,4-Dimethylphenol	7.79	122	536380	40.065	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	781660	39.510	ng		99
29) 2,4-Dichlorophenol	8.00	162	604483	41.333	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	683124	40.249	ng		99
31) Naphthalene	8.16	128	1888717	40.252	ng		100
32) Benzoic acid	7.93	122	252024	42.934	ng		98
33) 4-Chloroaniline	8.20	127	841088	39.885	ng		98
34) Hexachlorobutadiene	8.27	225	397128	42.046	ng		99
35) Caprolactam	8.59	113	208733	40.779	ng		99
36) 4-Chloro-3-methylphenol	8.70	107	607049	42.498	ng		99
37) 2-Methylnaphthalene	8.85	142	1304176	40.931	ng		99
38) 1-Methylnaphthalene	8.95	142	1233672	40.288	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	669253	40.108	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	202241	35.214	ng		96
43) 2,4,6-Trichlorophenol	9.13	196	430725	43.150	ng		97
44) 2,4,5-Trichlorophenol	9.18	196	455200	42.817	ng		99
46) 1,1'-Biphenyl	9.32	154	1745876	40.181	ng		98
47) 2-Chloronaphthalene	9.34	162	1368177	40.227	ng		96
48) 2-Nitroaniline	9.43	65	379175	49.495	ng		93
49) Acenaphthylene	9.76	152	1999854	40.293	ng		100
50) Dimethylphthalate	9.61	163	1582696	41.764	ng		99
51) 2,6-Dinitrotoluene	9.67	165	368771	48.728	ng	#	89
52) Acenaphthene	9.93	154	1202163	39.588	ng		100
53) 3-Nitroaniline	9.85	138	394357	46.598	ng		91
54) 2,4-Dinitrophenol	9.96	184	115091	57.188	ng		98
55) Dibenzofuran	10.10	168	1845208	40.180	ng		96
56) 4-Nitrophenol	10.02	139	235785	41.881	ng		98
57) 2,4-Dinitrotoluene	10.08	165	473530	48.672	ng	#	88
58) Fluorene	10.44	166	1383957	40.335	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	356307	44.413	ng		96
60) Diethylphthalate	10.31	149	1569655	42.433	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	752476	40.641	ng		93
62) 4-Nitroaniline	10.46	138	389923	46.400	ng		96
63) Azobenzene	10.59	77	1408719	39.767	ng		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	213443	49.686	ng		98
66) n-Nitrosodiphenylamine	10.55	169	1338911	39.675	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	487942	41.152	ng		90
68) Hexachlorobenzene	11.00	284	514524	40.284	ng		96
69) Atrazine	11.07	200	453140	41.611	ng		96
70) Pentachlorophenol	11.19	266	243152	42.678	ng		99
71) Phenanthrene	11.40	178	2031187	39.538	ng		99
72) Anthracene	11.46	178	2055574	39.499	ng		100
73) Carbazole	11.61	167	2014842	38.649	ng		98
74) Di-n-butylphthalate	11.93	149	2420048	41.269	ng		99
75) Fluoranthene	12.59	202	2112158	38.940	ng		100
77) Benzidine	12.70	184	785997	30.786	ng		99
78) Pyrene	12.82	202	2138160	42.352	ng		99
80) Butylbenzylphthalate	13.43	149	1043490	47.115	ng		91
81) Benzo(a)anthracene	14.01	228	1774042	40.435	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	688133	41.880	ng		100
83) Chrysene	14.05	228	1696836	40.873	ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1478904	46.592	ng		100
85) Di-n-octyl phthalate	14.60	149	2186589	44.710	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1361230	35.540	ng		98
88) Benzo(b)fluoranthene	15.06	252	1491505	42.131	ng		98
89) Benzo(k)fluoranthene	15.09	252	1425249	41.596	ng		99
90) Benzo(a)pyrene	15.43	252	1333263	41.067	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	1138448	39.481	ng		98
92) Benzo(g,h,i)perylene	17.42	276	1103317	38.839	ng		98

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

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