Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012319\
Data File : BF112195.D
Acq On : 23 Jan 2019 12:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 23 13:09:09 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	247477	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	935956	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	472850	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	938703	20.00	ng		0.00
76) Chrysene-d12	14.03	240	714856	20.00	ng		0.00
87) Perylene-d12	15.49	264	569470	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1083259	79.45	ng		0.00
7) Phenol-d6	6.50	99	1334487	78.23	ng		0.00
23) Nitrobenzene-d5	7.42	82	1267706	93.58	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	460100	90.20	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2492072	77.27	ng		0.00
79) Terphenyl-d14	12.96	244	2905591	86.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	229773	35.931	ng		96
3) Pyridine	3.37	79	584117	36.470	ng		98
4) n-Nitrosodimethylamine	3.33	42	237010	36.447	ng		97
6) Aniline	6.52	93	807965	38.941	ng	#	67
8) 2-Chlorophenol	6.65	128	641326	40.499	ng		97
9) Benzaldehyde	6.40	77	351844	37.490	ng		94
10) Phenol	6.52	94	733529	39.344	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	572853	38.644	ng		99
12) 1,3-Dichlorobenzene	6.80	146	726007	40.173	ng		99
13) 1,4-Dichlorobenzene	6.87	146	738463	39.948	ng		99
14) 1,2-Dichlorobenzene	7.03	146	683296	40.129	ng		98
15) Benzyl Alcohol	7.00	79	535177	42.108	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	740967	34.661	ng		84
17) 2-Methylphenol	7.12	107	480044	40.366	ng		96
18) Hexachloroethane	7.37	117	260456	42.215	ng		92
19) n-Nitroso-di-n-propylamine	7.27	70	429732	41.350	ng		98
20) 3+4-Methylphenols	7.27	107	611618	42.417	ng		90
22) Acetophenone	7.26	105	878617	40.520	ng		99
24) Nitrobenzene	7.44	77	638913	44.501	ng		94
25) Isophorone	7.67	82	1042776	39.851	ng		99
26) 2-Nitrophenol	7.75	139	358381	48.528	ng		92
27) 2,4-Dimethylphenol	7.79	122	487451	40.132	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	708062	39.448	ng		99
29) 2,4-Dichlorophenol	8.00	162	552832	41.665	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	618613	40.174	ng		99
31) Naphthalene	8.16	128	1725152	40.525	ng		99
32) Benzoic acid	7.93	122	234817	43.727	ng		99
33) 4-Chloroaniline	8.21	127	775721	40.546	ng		98
34) Hexachlorobutadiene	8.27	225	356095	41.556	ng		98
35) Caprolactam	8.59	113	190391	40.998	ng		93
36) 4-Chloro-3-methylphenol	8.70	107	551644	42.567	ng		98
37) 2-Methylnaphthalene	8.85	142	1180399	40.834	ng		96
38) 1-Methylnaphthalene	8.95	142	1129842	40.669	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	611884	40.298	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	169840	33.104 ng		99
43) 2,4,6-Trichlorophenol	9.13	196	391133	43.061 ng		98
44) 2,4,5-Trichlorophenol	9.18	196	410838	42.467 ng		97
46) 1,1'-Biphenyl	9.32	154	1596566	40.380 ng		98
47) 2-Chloronaphthalene	9.34	162	1246683	40.281 ng		95
48) 2-Nitroaniline	9.43	65	345108	49.505 ng		91
49) Acenaphthylene	9.76	152	1821856	40.339 ng		99
50) Dimethylphthalate	9.61	163	1436783	41.665 ng		100
51) 2,6-Dinitrotoluene	9.67	165	334109	48.516 ng	#	86
52) Acenaphthene	9.93	154	1096227	39.671 ng		99
53) 3-Nitroaniline	9.85	138	367828	47.764 ng	#	98
54) 2,4-Dinitrophenol	9.96	184	102997	56.595 ng		95
55) Dibenzofuran	10.10	168	1678973	40.177 ng		95
56) 4-Nitrophenol	10.02	139	215557	42.050 ng		98
57) 2,4-Dinitrotoluene	10.09	165	426668	48.239 ng		92
58) Fluorene	10.45	166	1260609	40.375 ng		97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	322568	44.186 ng		97
60) Diethylphthalate	10.31	149	1437681	42.710 ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	687327	40.796 ng		99
62) 4-Nitroaniline	10.46	138	360445	47.136 ng		97
63) Azobenzene	10.59	77	1294527	40.159 ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	199215	50.279 ng		89
66) n-Nitrosodiphenylamine	10.55	169	1233529	39.749 ng		98
67) 4-Bromophenyl-phenylether	10.92	248	443622	40.686 ng		95
68) Hexachlorobenzene	11.00	284	467451	39.799 ng		99
69) Atrazine	11.08	200	412171	41.160 ng		97
70) Pentachlorophenol	11.19	266	218952	41.918 ng		98
71) Phenanthrene	11.40	178	1875727	39.705 ng		99
72) Anthracene	11.46	178	1877955	39.242 ng		99
73) Carbazole	11.61	167	1869333	38.994 ng		98
74) Di-n-butylphthalate	11.93	149	2288523	42.439 ng		99
75) Fluoranthene	12.59	202	1966405	39.424 ng		99
77) Benzidine	12.71	184	702226	29.442 ng		98
78) Pyrene	12.82	202	1985184	42.092 ng		99
80) Butylbenzylphthalate	13.43	149	1000284	48.345 ng		96
81) Benzo(a)anthracene	14.01	228	1667998	40.695 ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	641274	41.777 ng		99
83) Chrysene	14.05	228	1571981	40.532 ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1414284	47.694 ng		100
85) Di-n-octyl phthalate	14.60	149	2134997	46.729 ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1265001	35.354 ng		98
88) Benzo(b)fluoranthene	15.06	252	1417577	43.853 ng		99
89) Benzo(k)fluoranthene	15.09	252	1269797	40.586 ng		100
90) Benzo(a)pyrene	15.43	252	1224378	41.302 ng		98
91) Dibenzo(a,h)anthracene	16.99	278	1070997	40.676 ng		100
92) Benzo(g,h,i)perylene	17.43	276	1010856	38.970 ng		98

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

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