Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119410.D
Acq On : 18 Mar 2020 12:12
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Mar 18 14:30:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 14:23:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	267638	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	994834	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	499845	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	952556	20.00	ng	0.00
76) Chrysene-d12	14.03	240	699049	20.00	ng	0.00
87) Perylene-d12	15.50	264	688899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1409268	88.00	ng	0.00
7) Phenol-d6	6.47	99	1821158	93.50	ng	0.00
23) Nitrobenzene-d5	7.42	82	1523345	80.85	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	428039	65.46	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2687921	79.22	ng	0.00
79) Terphenyl-d14	12.98	244	2822028	69.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	344216	48.275	ng	100
3) Pyridine	3.35	79	956302	49.108	ng	100
4) n-Nitrosodimethylamine	3.30	42	464221	78.694	ng	100
6) Aniline	6.52	93	1262729	52.541	ng	100
8) 2-Chlorophenol	6.64	128	751943	43.507	ng	100
9) Benzaldehyde	6.40	77	565901	43.488	ng	100
10) Phenol	6.49	94	964459	45.800	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	767665	47.644	ng	100
12) 1,3-Dichlorobenzene	6.80	146	797521	38.500	ng	100
13) 1,4-Dichlorobenzene	6.87	146	795225	38.363	ng	100
14) 1,2-Dichlorobenzene	7.03	146	757705	40.079	ng	100
15) Benzyl Alcohol	6.99	79	694640	49.346	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1544314	110.644	ng	100
17) 2-Methylphenol	7.10	107	679375	48.484	ng	100
18) Hexachloroethane	7.37	117	291041	39.244	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	539562	47.541	ng	100
20) 3+4-Methylphenols	7.26	107	842570	49.080	ng	100
22) Acetophenone	7.27	105	978525	42.512	ng	100
24) Nitrobenzene	7.44	77	807767	43.353	ng	100
25) Isophorone	7.68	82	1517729	46.382	ng	100
26) 2-Nitrophenol	7.76	139	321481	32.564	ng	100
27) 2,4-Dimethylphenol	7.79	122	654380	48.840	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	897830	42.154	ng	100
29) 2,4-Dichlorophenol	7.99	162	600514	38.072	ng	100
30) 1,2,4-Trichlorobenzene	8.09	180	662342	35.417	ng	100
31) Naphthalene	8.17	128	2132342	41.329	ng	100
32) Benzoic acid	7.90	122	420459	46.059	ng	100
33) 4-Chloroaniline	8.21	127	976738	44.015	ng	100
34) Hexachlorobutadiene	8.29	225	369871	31.751	ng	100
35) Caprolactam	8.58	113	202926	41.782	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	660526	41.378	ng	100
37) 2-Methylnaphthalene	8.86	142	1384492	39.875	ng	100
38) 1-Methylnaphthalene	8.96	142	1323446	40.530	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	605917	35.954	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	344088	69.620	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	430948	40.494	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	488382	43.732	ng	100
46) 1,1'-Biphenyl	9.32	154	1699199	42.062	ng	100
47) 2-Chloronaphthalene	9.35	162	1318823	40.511	ng	100
48) 2-Nitroaniline	9.44	65	469478	51.704	ng	100
49) Acenaphthylene	9.76	152	2091370	44.480	ng	100
50) Dimethylphthalate	9.63	163	1469819	38.455	ng	100
51) 2,6-Dinitrotoluene	9.68	165	321224	37.827	ng	100
52) Acenaphthene	9.94	154	1285240	45.333	ng	100
53) 3-Nitroaniline	9.85	138	403800	42.892	ng	100
54) 2,4-Dinitrophenol	9.95	184	110970	31.698	ng	100
55) Dibenzofuran	10.11	168	1860232	43.959	ng	100
56) 4-Nitrophenol	10.00	139	326384	57.703	ng	100
57) 2,4-Dinitrotoluene	10.09	165	405072	36.801	ng	100
58) Fluorene	10.45	166	1382233	42.035	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	371835	39.459	ng	100
60) Diethylphthalate	10.33	149	1490309	41.375	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	669237	38.450	ng	100
62) 4-Nitroaniline	10.46	138	390282	40.520	ng	100
63) Azobenzene	10.60	77	1506404	48.114	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	165415	28.698	ng	100
66) n-Nitrosodiphenylamine	10.56	169	1286368	41.243	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	450017	36.143	ng	100
68) Hexachlorobenzene	11.00	284	456189	31.778	ng	100
69) Atrazine	11.09	200	350594	32.172	ng	100
70) Pentachlorophenol	11.19	266	267681	46.290	ng	100
71) Phenanthrene	11.42	178	2031817	39.113	ng	100
72) Anthracene	11.47	178	2090813	40.282	ng	100
73) Carbazole	11.62	167	2068233	44.728	ng	100
74) Di-n-butylphthalate	11.96	149	2191337	39.133	ng	100
75) Fluoranthene	12.60	202	2227811	40.402	ng	100
77) Benzidine	12.72	184	1190381	41.871	ng	100
78) Pyrene	12.83	202	2294714	40.880	ng	100
80) Butylbenzylphthalate	13.46	149	925086	39.158	ng	100
81) Benzo(a)anthracene	14.02	228	1868093	39.220	ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	751235	40.618	ng	100
83) Chrysene	14.06	228	1931079	40.688	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	1096538	36.739	ng	100
85) Di-n-octyl phthalate	14.63	149	2026120	42.606	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	1701500	37.026	ng	100
88) Benzo(b)fluoranthene	15.07	252	1851257	40.769	ng	100
89) Benzo(k)fluoranthene	15.10	252	1822510	43.310	ng	100
90) Benzo(a)pyrene	15.44	252	1705353	41.612	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	1400615	38.842	ng	100
92) Benzo(g,h,i)perylene	17.42	276	1379805	38.727	ng	100

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

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