Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118657.D
Acq On : 22 Jan 2020 9:53
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 22 11:58:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	371663	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1343946	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	744505	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1398938	20.00	ng		0.00
76) Chrysene-d12	14.05	240	1112995	20.00	ng		0.00
87) Perylene-d12	15.51	264	972330	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1670539	83.48	ng		0.00
7) Phenol-d6	6.50	99	2154824	82.85	ng		0.00
23) Nitrobenzene-d5	7.44	82	1967920	81.90	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	739693	85.90	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	3495266	77.16	ng		0.00
79) Terphenyl-d14	12.99	244	4048291	79.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	398273	41.091	ng		96
3) Pyridine	3.42	79	1122055	41.073	ng		95
4) n-Nitrosodimethylamine	3.36	42	421603	35.997	ng		80
6) Aniline	6.54	93	1417679	41.394	ng		98
8) 2-Chlorophenol	6.66	128	939353	41.821	ng		98
9) Benzaldehyde	6.43	77	661200	41.800	ng		94
10) Phenol	6.52	94	1214393	40.970	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	895036	40.699	ng		99
12) 1,3-Dichlorobenzene	6.82	146	1099389	41.818	ng		98
13) 1,4-Dichlorobenzene	6.90	146	1110523	42.080	ng		99
14) 1,2-Dichlorobenzene	7.05	146	1033449	41.657	ng		98
15) Benzyl Alcohol	7.02	79	838076	40.631	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1195038	39.013	ng		99
17) 2-Methylphenol	7.13	107	781160	41.752	ng		97
18) Hexachloroethane	7.40	117	386930	40.434	ng		100
19) n-Nitroso-di-n-propylamine	7.29	70	663173	37.761	ng		98
20) 3+4-Methylphenols	7.28	107	946298	41.426	ng	#	88
22) Acetophenone	7.29	105	1261355	39.619	ng		98
24) Nitrobenzene	7.46	77	1001252	40.697	ng		98
25) Isophorone	7.70	82	1709058	38.997	ng		100
26) 2-Nitrophenol	7.77	139	484634	46.193	ng		98
27) 2,4-Dimethylphenol	7.81	122	698932	38.579	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	1123201	39.776	ng		100
29) 2,4-Dichlorophenol	8.02	162	840346	41.960	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	953225	41.050	ng		99
31) Naphthalene	8.19	128	2590415	42.668	ng		99
32) Benzoic acid	7.92	122	490488	36.074	ng		97
33) 4-Chloroaniline	8.23	127	1176923	41.942	ng		99
34) Hexachlorobutadiene	8.31	225	571578	40.419	ng		99
35) Caprolactam	8.60	113	273282	41.697	ng		90
36) 4-Chloro-3-methylphenol	8.70	107	810585	40.986	ng		98
37) 2-Methylnaphthalene	8.87	142	1794581	41.878	ng		99
38) 1-Methylnaphthalene	8.97	142	1703713	41.848	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	967173	41.518	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	427149	36.343	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	649758	42.033	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	669890	42.432	ng		97
46) 1,1'-Biphenyl	9.34	154	2197045	42.818	ng		99
47) 2-Chloronaphthalene	9.36	162	1841482	42.579	ng		99
48) 2-Nitroaniline	9.46	65	556985	41.895	ng		86
49) Acenaphthylene	9.78	152	2661974	43.752	ng		98
50) Dimethylphthalate	9.64	163	2053615	42.338	ng		99
51) 2,6-Dinitrotoluene	9.70	165	471939	43.450	ng	#	81
52) Acenaphthene	9.95	154	1741137	42.797	ng		98
53) 3-Nitroaniline	9.86	138	553625	44.638	ng		99
54) 2,4-Dinitrophenol	9.97	184	209139	48.230	ng	#	37
55) Dibenzofuran	10.13	168	2440366	43.284	ng		95
56) 4-Nitrophenol	10.02	139	420979	44.963	ng		90
57) 2,4-Dinitrotoluene	10.10	165	625350	45.670	ng		99
58) Fluorene	10.47	166	1863264	42.097	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	599094	43.144	ng		97
60) Diethylphthalate	10.34	149	1951579	41.497	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	999732	41.530	ng		99
62) 4-Nitroaniline	10.48	138	553779	43.529	ng		94
63) Azobenzene	10.62	77	1844826	40.504	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	289298	47.029	ng		87
66) n-Nitrosodiphenylamine	10.57	169	1728185	40.963	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	690367	39.944	ng		99
68) Hexachlorobenzene	11.02	284	792447	40.442	ng	#	91
69) Atrazine	11.10	200	599770	41.016	ng		99
70) Pentachlorophenol	11.21	266	454608	41.729	ng		98
71) Phenanthrene	11.43	178	2850790	42.240	ng		97
72) Anthracene	11.48	178	2854222	42.740	ng		97
73) Carbazole	11.63	167	2637496	43.058	ng		98
74) Di-n-butylphthalate	11.96	149	2850833	41.890	ng		99
75) Fluoranthene	12.62	202	3051431	42.867	ng		99
77) Benzidine	12.73	184	1130581	38.018	ng		99
78) Pyrene	12.85	202	3125933	41.369	ng		97
80) Butylbenzylphthalate	13.46	149	1274531	41.214	ng		99
81) Benzo(a)anthracene	14.03	228	2799415	41.812	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	1049256	43.980	ng		99
83) Chrysene	14.07	228	2689557	41.915	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	1531996	40.549	ng		100
85) Di-n-octyl phthalate	14.63	149	2377336	42.510	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	2224489	39.898	ng		99
88) Benzo(b)fluoranthene	15.08	252	2429474	39.751	ng		99
89) Benzo(k)fluoranthene	15.11	252	2432747	42.964	ng		99
90) Benzo(a)pyrene	15.45	252	2162434	41.016	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1801580	38.631	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1792679	39.590	ng		97

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

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