Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118664.D
Acq On : 22 Jan 2020 14:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 22 18:07:14 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	366837	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1347593	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	783430	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1465487	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1086139	20.00	ng	0.00
87) Perylene-d12	15.51	264	920712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1636542	82.86	ng	0.00
7) Phenol-d6	6.50	99	2105166	82.00	ng	0.00
23) Nitrobenzene-d5	7.44	82	1956140	81.19	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	766400	84.58	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3571915	74.94	ng	0.00
79) Terphenyl-d14	12.99	244	4249500	85.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	386840	40.436	ng	96
3) Pyridine	3.41	79	1094971	40.609	ng	96
4) n-Nitrosodimethylamine	3.35	42	409036	35.384	ng	81
6) Aniline	6.54	93	1402181	41.480	ng	98
8) 2-Chlorophenol	6.66	128	921663	41.573	ng	100
9) Benzaldehyde	6.43	77	642742	41.168	ng	93
10) Phenol	6.52	94	1192359	40.756	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	888684	40.941	ng	99
12) 1,3-Dichlorobenzene	6.82	146	1085432	41.830	ng	99
13) 1,4-Dichlorobenzene	6.90	146	1093688	41.988	ng	99
14) 1,2-Dichlorobenzene	7.05	146	1020625	41.681	ng	99
15) Benzyl Alcohol	7.02	79	832441	40.889	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1201202	39.730	ng	100
17) 2-Methylphenol	7.13	107	770270	41.711	ng	98
18) Hexachloroethane	7.40	117	381310	40.371	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	663522	38.278	ng	98
20) 3+4-Methylphenols	7.28	107	935982	41.514	ng	88
22) Acetophenone	7.29	105	1254306	39.291	ng	99
24) Nitrobenzene	7.46	77	989870	40.126	ng	99
25) Isophorone	7.70	82	1762809	40.115	ng	100
26) 2-Nitrophenol	7.77	139	489995	46.578	ng	98
27) 2,4-Dimethylphenol	7.81	122	709751	39.070	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	1144029	40.404	ng	100
29) 2,4-Dichlorophenol	8.02	162	846479	42.152	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	958049	41.146	ng	99
31) Naphthalene	8.19	128	2619837	43.036	ng	99
32) Benzoic acid	7.93	122	611097	44.823	ng	93
33) 4-Chloroaniline	8.23	127	1202816	42.749	ng	99
34) Hexachlorobutadiene	8.31	225	578816	40.820	ng	99
35) Caprolactam	8.60	113	281431	42.824	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	830075	41.858	ng	98
37) 2-Methylnaphthalene	8.87	142	1821516	42.391	ng	99
38) 1-Methylnaphthalene	8.97	142	1722464	42.194	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	985412	40.200	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	430703	34.825	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	668543	41.100	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	686038	41.296	ng		97
46) 1,1'-Biphenyl	9.34	154	2249156	41.656	ng		100
47) 2-Chloronaphthalene	9.36	162	1865919	41.000	ng		98
48) 2-Nitroaniline	9.46	65	566246	40.476	ng	#	83
49) Acenaphthylene	9.78	152	2718984	42.468	ng		99
50) Dimethylphthalate	9.64	163	2154122	42.203	ng		99
51) 2,6-Dinitrotoluene	9.70	165	504405	44.131	ng	#	80
52) Acenaphthene	9.95	154	1794332	41.913	ng		98
53) 3-Nitroaniline	9.86	138	577651	44.261	ng		96
54) 2,4-Dinitrophenol	9.97	184	217341	47.631	ng	#	36
55) Dibenzofuran	10.13	168	2537768	42.775	ng		94
56) 4-Nitrophenol	10.02	139	425331	43.171	ng		89
57) 2,4-Dinitrotoluene	10.10	165	665995	46.222	ng		98
58) Fluorene	10.47	166	1914645	41.109	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	621148	42.509	ng		97
60) Diethylphthalate	10.34	149	2086653	42.164	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	1024936	40.461	ng		97
62) 4-Nitroaniline	10.48	138	566329	42.304	ng		91
63) Azobenzene	10.62	77	1928872	40.245	ng		96
65) 4,6-Dinitro-2-methylphenol	10.51	198	309849	48.082	ng		86
66) n-Nitrosodiphenylamine	10.57	169	1813623	41.036	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	739092	40.821	ng		99
68) Hexachlorobenzene	11.02	284	830981	40.482	ng	#	91
69) Atrazine	11.10	200	637508	41.617	ng		99
70) Pentachlorophenol	11.20	266	478017	41.885	ng		98
71) Phenanthrene	11.43	178	2960085	41.867	ng		98
72) Anthracene	11.48	178	2940091	42.026	ng		97
73) Carbazole	11.63	167	2719404	42.379	ng		98
74) Di-n-butylphthalate	11.96	149	3089082	43.329	ng		100
75) Fluoranthene	12.62	202	3176841	42.602	ng		99
77) Benzidine	12.73	184	1399113	48.211	ng		100
78) Pyrene	12.84	202	3221951	43.694	ng		97
80) Butylbenzylphthalate	13.46	149	1317915	43.671	ng		99
81) Benzo(a)anthracene	14.03	228	2692739	41.213	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	998651	42.894	ng		98
83) Chrysene	14.07	228	2634448	42.071	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	1549528	42.027	ng		100
85) Di-n-octyl phthalate	14.63	149	2326672	42.633	ng		97
86) Indeno(1,2,3-cd)pyrene	16.99	276	2285562	42.007	ng		99
88) Benzo(b)fluoranthene	15.08	252	2310515	39.924	ng		99
89) Benzo(k)fluoranthene	15.11	252	2283628	42.591	ng		99
90) Benzo(a)pyrene	15.45	252	2035461	40.772	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1867086	42.280	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1875192	43.734	ng		97

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

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