Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
Data File : BG043861.D
Acq On : 30 Dec 2019 10:46
Operator : JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Dec 30 11:50:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 11:43:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	146576	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	621874	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	397236	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	811676	20.00	ng	0.00
76) Chrysene-d12	21.59	240	693865	20.00	ng	0.00
87) Perylene-d12	24.72	264	792514	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	660576	82.21	ng	0.00
7) Phenol-d6	7.12	99	910341	80.27	ng	0.00
23) Nitrobenzene-d5	9.12	82	898306	80.31	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	337609	80.66	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1846798	83.02	ng	0.00
79) Terphenyl-d14	19.96	244	2345259	75.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	140373	40.549	ng	100
3) Pyridine	3.83	79	420390	40.642	ng	100
4) n-Nitrosodimethylamine	3.75	42	181582	39.655	ng	100
6) Aniline	7.29	93	589646	39.543	ng	100
8) 2-Chlorophenol	7.53	128	377486	40.111	ng	100
9) Benzaldehyde	7.09	77	270912	36.450	ng	100
10) Phenol	7.15	94	463623	39.662	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	400429	39.646	ng	100
12) 1,3-Dichlorobenzene	7.86	146	441131	40.133	ng	100
13) 1,4-Dichlorobenzene	8.00	146	439105	40.092	ng	100
14) 1,2-Dichlorobenzene	8.32	146	417310	39.739	ng	100
15) Benzyl Alcohol	8.20	79	354415	39.700	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.50	45	607440	38.744	ng	100
17) 2-Methylphenol	8.41	107	331685	39.157	ng	100
18) Hexachloroethane	9.05	117	168798	40.064	ng	100
19) n-Nitroso-di-n-propylamine	8.77	70	332922	39.305	ng	100
20) 3+4-Methylphenols	8.73	107	467573	39.847	ng	100
22) Acetophenone	8.78	105	616975	39.635	ng	100
24) Nitrobenzene	9.16	77	453629	39.610	ng	100
25) Isophorone	9.69	82	867851	39.639	ng	100
26) 2-Nitrophenol	9.87	139	210794	39.679	ng	100
27) 2,4-Dimethylphenol	9.94	122	319063	39.011	ng	100
28) bis(2-Chloroethoxy)methane	10.17	93	579063	39.752	ng	100
29) 2,4-Dichlorophenol	10.41	162	386582	39.633	ng	100
30) 1,2,4-Trichlorobenzene	10.63	180	431707	39.654	ng	100
31) Naphthalene	10.81	128	1217990	40.429	ng	100
32) Benzoic acid	10.07	122	216082	33.976	ng	100
33) 4-Chloroaniline	10.91	127	575760	39.851	ng	100
34) Hexachlorobutadiene	11.11	225	261338	39.662	ng	100
35) Caprolactam	11.68	113	144216	39.580	ng	100
36) 4-Chloro-3-methylphenol	12.04	107	412077	39.223	ng	100
37) 2-Methylnaphthalene	12.42	142	900247	39.592	ng	100
38) 1-Methylnaphthalene	12.64	142	854409	39.586	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	461562	39.975	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	239595	38.862 ng	100
43) 2,4,6-Trichlorophenol	13.03	196	320039	40.046 ng	100
44) 2,4,5-Trichlorophenol	13.10	196	330402	40.357 ng	100
46) 1,1'-Biphenyl	13.43	154	1170255	41.036 ng	100
47) 2-Chloronaphthalene	13.47	162	928497	40.382 ng	100
48) 2-Nitroaniline	13.66	65	294410	39.977 ng	100
49) Acenaphthylene	14.32	152	1357512	40.725 ng	100
50) Dimethylphthalate	14.05	163	1158719	40.823 ng	100
51) 2,6-Dinitrotoluene	14.16	165	252023	39.284 ng	100
52) Acenaphthene	14.66	154	929000	39.892 ng	100
53) 3-Nitroaniline	14.49	138	292523	40.325 ng	100
54) 2,4-Dinitrophenol	14.69	184	113691	40.025 ng	100
55) Dibenzofuran	14.99	168	1316377	40.912 ng	100
56) 4-Nitrophenol	14.79	139	229275	41.215 ng	100
57) 2,4-Dinitrotoluene	14.95	165	351312	40.629 ng	100
58) Fluorene	15.64	166	1034849	40.555 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	288337	40.326 ng	100
60) Diethylphthalate	15.42	149	1159784	40.926 ng	100
61) 4-Chlorophenyl-phenylether	15.64	204	547711	39.917 ng	100
62) 4-Nitroaniline	15.66	138	291674	40.996 ng	100
63) Azobenzene	15.93	77	1073860	40.784 ng	100
65) 4,6-Dinitro-2-methylphenol	15.71	198	153643	39.881 ng	100
66) n-Nitrosodiphenylamine	15.85	169	942100	39.474 ng	100
67) 4-Bromophenyl-phenylether	16.53	248	353286	39.005 ng	100
68) Hexachlorobenzene	16.65	284	382344	38.969 ng	100
69) Atrazine	16.80	200	325041	41.530 ng	100
70) Pentachlorophenol	16.99	266	222420	41.403 ng	100
71) Phenanthrene	17.38	178	1596793	40.999 ng	100
72) Anthracene	17.47	178	1580235	40.983 ng	100
73) Carbazole	17.74	167	1463859	41.511 ng	100
74) Di-n-butylphthalate	18.31	149	1836240	43.297 ng	100
75) Fluoranthene	19.39	202	1779270	42.363 ng	100
77) Benzidine	19.56	184	782771	42.266 ng	100
78) Pyrene	19.75	202	1786916	40.977 ng	100
80) Butylbenzylphthalate	20.64	149	871055	40.938 ng	100
81) Benzo(a)anthracene	21.57	228	1745298	40.583 ng	100
82) 3,3'-Dichlorobenzidine	21.49	252	694599	40.704 ng	100
83) Chrysene	21.64	228	1659288	40.563 ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1206123	40.838 ng	100
85) Di-n-octyl phthalate	22.69	149	2055560	41.380 ng	100
86) Indeno(1,2,3-cd)pyrene	28.28	276	2189907	39.285 ng	100
88) Benzo(b)fluoranthene	23.73	252	1853242	39.831 ng	100
89) Benzo(k)fluoranthene	23.80	252	1819417	40.767 ng	100
90) Benzo(a)pyrene	24.57	252	1777705	40.379 ng	100
91) Dibenzo(a,h)anthracene	28.33	278	1760879	39.539 ng	100
92) Benzo(g,h,i)perylene	29.37	276	1748014	39.714 ng	100

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

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