Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043881.D
Acq On : 3 Jan 2020 10:15
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jan 03 10:51:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	133134	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	569333	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	374565	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	797153	20.00	ng	0.00
76) Chrysene-d12	21.59	240	681294	20.00	ng	0.00
87) Perylene-d12	24.71	264	787858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	594713	82.02	ng	0.00
7) Phenol-d6	7.12	99	829487	81.84	ng	0.00
23) Nitrobenzene-d5	9.12	82	810224	76.13	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	326875	83.39	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1744209	84.37	ng	0.00
79) Terphenyl-d14	19.95	244	2347748	82.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	126331	39.959	ng	100
3) Pyridine	3.83	79	391193	41.885	ng	93
4) n-Nitrosodimethylamine	3.75	42	158201	38.046	ng	98
6) Aniline	7.28	93	535904	40.256	ng	97
8) 2-Chlorophenol	7.53	128	344827	40.509	ng	97
9) Benzaldehyde	7.09	77	238085	36.703	ng	98
10) Phenol	7.15	94	425147	40.713	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	363712	40.349	ng	100
12) 1,3-Dichlorobenzene	7.85	146	401984	40.355	ng	98
13) 1,4-Dichlorobenzene	8.00	146	401732	40.874	ng	99
14) 1,2-Dichlorobenzene	8.32	146	382215	40.516	ng	99
15) Benzyl Alcohol	8.20	79	317393	39.679	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	558238	40.029	ng	99
17) 2-Methylphenol	8.40	107	301959	39.958	ng	98
18) Hexachloroethane	9.05	117	153762	40.206	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	301902	39.998	ng	98
20) 3+4-Methylphenols	8.73	107	429425	40.734	ng	98
22) Acetophenone	8.78	105	564666	39.894	ng	98
24) Nitrobenzene	9.16	77	413942	39.271	ng	98
25) Isophorone	9.69	82	794725	39.803	ng	99
26) 2-Nitrophenol	9.87	139	187756	37.649	ng	99
27) 2,4-Dimethylphenol	9.93	122	292610	38.979	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	535106	40.200	ng	98
29) 2,4-Dichlorophenol	10.41	162	355321	39.681	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	403422	40.181	ng	98
31) Naphthalene	10.81	128	1126583	40.891	ng	99
32) Benzoic acid	10.07	122	191424	33.490	ng	95
33) 4-Chloroaniline	10.91	127	519535	39.536	ng	98
34) Hexachlorobutadiene	11.11	225	245860	40.107	ng	98
35) Caprolactam	11.68	113	130936	39.280	ng	93
36) 4-Chloro-3-methylphenol	12.04	107	386165	40.511	ng	99
37) 2-Methylnaphthalene	12.42	142	847220	40.846	ng	98
38) 1-Methylnaphthalene	12.64	142	808454	41.125	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	434192	39.549	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	224088	39.371 ng	99
43) 2,4,6-Trichlorophenol	13.02	196	299264	39.616 ng	99
44) 2,4,5-Trichlorophenol	13.10	196	309752	39.757 ng	99
46) 1,1'-Biphenyl	13.43	154	1098164	40.891 ng	99
47) 2-Chloronaphthalene	13.47	162	871018	40.137 ng	99
48) 2-Nitroaniline	13.66	65	275005	39.395 ng	98
49) Acenaphthylene	14.32	152	1282367	41.113 ng	99
50) Dimethylphthalate	14.05	163	1104680	41.536 ng	100
51) 2,6-Dinitrotoluene	14.16	165	240334	39.981 ng	99
52) Acenaphthene	14.66	154	887768	40.586 ng	97
53) 3-Nitroaniline	14.49	138	280798	41.135 ng	99
54) 2,4-Dinitrophenol	14.69	184	103956	37.102 ng	98
55) Dibenzofuran	14.99	168	1247561	41.431 ng	99
56) 4-Nitrophenol	14.79	139	221584	42.360 ng	96
57) 2,4-Dinitrotoluene	14.94	165	338216	41.349 ng	97
58) Fluorene	15.64	166	998694	41.845 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	273241	40.785 ng	98
60) Diethylphthalate	15.42	149	1115624	41.940 ng	100
61) 4-Chlorophenyl-phenylether	15.64	204	529970	40.894 ng	99
62) 4-Nitroaniline	15.66	138	288063	42.733 ng	95
63) Azobenzene	15.93	77	1035014	41.955 ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	148182	37.169 ng	96
66) n-Nitrosodiphenylamine	15.85	169	920608	39.216 ng	99
67) 4-Bromophenyl-phenylether	16.53	248	347772	38.790 ng	99
68) Hexachlorobenzene	16.65	284	377535	39.080 ng	97
69) Atrazine	16.79	200	310629	40.708 ng	99
70) Pentachlorophenol	16.99	266	212023	39.813 ng	96
71) Phenanthrene	17.38	178	1558581	40.763 ng	99
72) Anthracene	17.47	178	1556027	41.178 ng	100
73) Carbazole	17.73	167	1452507	41.613 ng	99
74) Di-n-butylphthalate	18.31	149	1821422	40.871 ng	99
75) Fluoranthene	19.39	202	1780604	40.720 ng	100
77) Benzidine	19.56	184	807410	47.149 ng	100
78) Pyrene	19.75	202	1813527	40.780 ng	99
80) Butylbenzylphthalate	20.64	149	852608	40.270 ng	98
81) Benzo(a)anthracene	21.57	228	1719163	40.695 ng	100
82) 3,3'-Dichlorobenzidine	21.49	252	685193	41.054 ng	100
83) Chrysene	21.64	228	1659537	41.343 ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1179746	40.384 ng	99
85) Di-n-octyl phthalate	22.69	149	2011365	40.954 ng	100
86) Indeno(1,2,3-cd)pyrene	28.26	276	2176115	39.891 ng	100
88) Benzo(b)fluoranthene	23.73	252	1854857	39.824 ng	99
89) Benzo(k)fluoranthene	23.79	252	1792669	40.475 ng	99
90) Benzo(a)pyrene	24.57	252	1758734	40.008 ng	99
91) Dibenzo(a,h)anthracene	28.33	278	1757239	39.803 ng	98
92) Benzo(g,h,i)perylene	29.37	276	1741045	39.701 ng	98

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

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