Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044098.D
Acq On : 20 Jan 2020 15:06
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 21 04:40:35 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	7.93	152	86060	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	375934	20.00	ng		-0.03
39) Acenaphthene-d10	14.57	164	258879	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	541129	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	454610	20.00	ng		-0.03
87) Perylene-d12	24.67	264	525984	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	413952	88.32	ng		-0.03
7) Phenol-d6	7.10	99	581048	88.69	ng		-0.02
23) Nitrobenzene-d5	9.09	82	542854	77.25	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	243979	90.06	ng		-0.03
45) 2-Fluorobiphenyl	13.20	172	1244053	87.07	ng		-0.03
79) Terphenyl-d14	19.93	244	1737712	95.00	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	85862	42.014	ng		98
3) Pyridine	3.80	79	251584	41.672	ng		95
4) n-Nitrosodimethylamine	3.71	42	103270	38.420	ng		93
6) Aniline	7.26	93	355460	41.307	ng		95
8) 2-Chlorophenol	7.50	128	231679	42.104	ng		98
9) Benzaldehyde	7.07	77	140219	33.440	ng		98
10) Phenol	7.13	94	293025	43.409	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	237577	40.773	ng		99
12) 1,3-Dichlorobenzene	7.83	146	267749	41.582	ng		99
13) 1,4-Dichlorobenzene	7.97	146	267389	42.087	ng		97
14) 1,2-Dichlorobenzene	8.29	146	252955	41.481	ng		99
15) Benzyl Alcohol	8.17	79	209608	40.537	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.47	45	335778	37.248	ng		99
17) 2-Methylphenol	8.38	107	207193	42.415	ng		98
18) Hexachloroethane	9.02	117	102280	41.373	ng		98
19) n-Nitroso-di-n-propylamine	8.74	70	194857	39.937	ng		97
20) 3+4-Methylphenols	8.71	107	289686	42.510	ng		99
22) Acetophenone	8.75	105	370919	39.687	ng	#	98
24) Nitrobenzene	9.13	77	268235	38.539	ng		100
25) Isophorone	9.66	82	523218	39.686	ng		99
26) 2-Nitrophenol	9.84	139	143948	43.715	ng		97
27) 2,4-Dimethylphenol	9.91	122	203816	41.118	ng		97
28) bis(2-Chloroethoxy)methane	10.14	93	347737	39.563	ng		98
29) 2,4-Dichlorophenol	10.39	162	249573	42.210	ng		99
30) 1,2,4-Trichlorobenzene	10.60	180	265937	40.114	ng		98
31) Naphthalene	10.79	128	765010	42.052	ng		99
32) Benzoic acid	10.06	122	139607	36.335	ng		98
33) 4-Chloroaniline	10.89	127	359038	41.378	ng		99
34) Hexachlorobutadiene	11.08	225	161754	39.962	ng		97
35) Caprolactam	11.66	113	95584	43.426	ng		99
36) 4-Chloro-3-methylphenol	12.02	107	282219	44.837	ng		98
37) 2-Methylnaphthalene	12.39	142	584283	42.661	ng		97
38) 1-Methylnaphthalene	12.61	142	553675	42.654	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	295668	38.966	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	144288	36.679 ng		98
43) 2,4,6-Trichlorophenol	13.00	196	215008	41.182 ng		98
44) 2,4,5-Trichlorophenol	13.08	196	222716	41.360 ng		99
46) 1,1'-Biphenyl	13.40	154	763323	41.125 ng		98
47) 2-Chloronaphthalene	13.44	162	608755	40.587 ng		98
48) 2-Nitroaniline	13.64	65	195180	40.455 ng		97
49) Acenaphthylene	14.29	152	917937	42.581 ng		98
50) Dimethylphthalate	14.02	163	789005	42.924 ng		98
51) 2,6-Dinitrotoluene	14.14	165	175768	42.306 ng		97
52) Acenaphthene	14.64	154	606511	40.118 ng		98
53) 3-Nitroaniline	14.47	138	198905	42.159 ng		97
54) 2,4-Dinitrophenol	14.67	184	95717	47.606 ng		95
55) Dibenzofuran	14.97	168	910381	43.744 ng		98
56) 4-Nitrophenol	14.79	139	146292	40.464 ng		93
57) 2,4-Dinitrotoluene	14.93	165	249342	44.106 ng		98
58) Fluorene	15.62	166	718413	43.552 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	194755	42.061 ng		97
60) Diethylphthalate	15.39	149	801907	43.617 ng		98
61) 4-Chlorophenyl-phenylether	15.61	204	378461	42.253 ng		98
62) 4-Nitroaniline	15.63	138	193694	41.574 ng		96
63) Azobenzene	15.90	77	715793	41.982 ng		99
65) 4,6-Dinitro-2-methylphenol	15.69	198	129756	46.674 ng		97
66) n-Nitrosodiphenylamine	15.82	169	666209	41.806 ng		98
67) 4-Bromophenyl-phenylether	16.50	248	248156	40.775 ng		100
68) Hexachlorobenzene	16.63	284	271876	41.458 ng		99
69) Atrazine	16.77	200	227213	43.864 ng		99
70) Pentachlorophenol	16.97	266	133766	37.003 ng		98
71) Phenanthrene	17.36	178	1119213	43.121 ng		98
72) Anthracene	17.44	178	1105518	43.098 ng		98
73) Carbazole	17.71	167	1012471	42.730 ng		97
74) Di-n-butylphthalate	18.28	149	1282658	42.399 ng		97
75) Fluoranthene	19.37	202	1256700	42.337 ng		97
77) Benzidine	19.54	184	454580	39.782 ng		98
78) Pyrene	19.72	202	1267438	42.712 ng		96
80) Butylbenzylphthalate	20.62	149	610591	43.220 ng		97
81) Benzo(a)anthracene	21.54	228	1204629	42.734 ng		96
82) 3,3'-Dichlorobenzidine	21.46	252	462889	41.564 ng		99
83) Chrysene	21.61	228	1166815	43.562 ng		97
84) Bis(2-ethylhexyl)phthalate	21.47	149	832734	42.719 ng		97
85) Di-n-octyl phthalate	22.64	149	1446450	44.137 ng		98
86) Indeno(1,2,3-cd)pyrene	28.20	276	1494678	41.061 ng	#	93
88) Benzo(b)fluoranthene	23.69	252	1273704	40.962 ng		98
89) Benzo(k)fluoranthene	23.76	252	1222764	41.353 ng		98
90) Benzo(a)pyrene	24.53	252	1205178	41.065 ng		99
91) Dibenzo(a,h)anthracene	28.26	278	1205824	40.911 ng		98
92) Benzo(g,h,i)perylene	29.30	276	1204487	41.141 ng		97

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

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