Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043886.D
Acq On : 3 Jan 2020 13:53
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 03 16:11:56 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	7.97	152	137653	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	592887	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	397152	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	839923	20.00	ng		0.00
76) Chrysene-d12	21.59	240	697906	20.00	ng		0.00
87) Perylene-d12	24.72	264	798324	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	617955	82.43	ng		0.00
7) Phenol-d6	7.13	99	866288	82.67	ng		0.00
23) Nitrobenzene-d5	9.12	82	851752	76.85	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	349990	84.21	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1830386	83.50	ng		0.00
79) Terphenyl-d14	19.96	244	2366804	80.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	137413	42.038	ng		98
3) Pyridine	3.83	79	404344	41.872	ng		99
4) n-Nitrosodimethylamine	3.75	42	170329	39.618	ng		99
6) Aniline	7.29	93	555341	40.347	ng		99
8) 2-Chlorophenol	7.53	128	352037	39.999	ng		99
9) Benzaldehyde	7.10	77	253658	37.820	ng		97
10) Phenol	7.15	94	441143	40.858	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	375533	40.293	ng		99
12) 1,3-Dichlorobenzene	7.86	146	419796	40.760	ng		98
13) 1,4-Dichlorobenzene	8.00	146	412759	40.618	ng		99
14) 1,2-Dichlorobenzene	8.32	146	399435	40.951	ng		99
15) Benzyl Alcohol	8.20	79	334940	40.498	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	573909	39.802	ng		99
17) 2-Methylphenol	8.40	107	315115	40.330	ng		99
18) Hexachloroethane	9.05	117	161634	40.877	ng		96
19) n-Nitroso-di-n-propylamine	8.77	70	317383	40.669	ng		97
20) 3+4-Methylphenols	8.73	107	445899	40.909	ng		97
22) Acetophenone	8.79	105	594115	40.307	ng	#	99
24) Nitrobenzene	9.16	77	429779	39.154	ng		99
25) Isophorone	9.69	82	832201	40.024	ng		98
26) 2-Nitrophenol	9.87	139	201715	38.842	ng		99
27) 2,4-Dimethylphenol	9.94	122	310537	39.724	ng		96
28) bis(2-Chloroethoxy)methane	10.17	93	557878	40.245	ng		99
29) 2,4-Dichlorophenol	10.41	162	370516	39.734	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	416794	39.864	ng		99
31) Naphthalene	10.82	128	1165595	40.626	ng		99
32) Benzoic acid	10.07	122	221228	36.479	ng		93
33) 4-Chloroaniline	10.92	127	553995	40.484	ng		99
34) Hexachlorobutadiene	11.12	225	254697	39.898	ng		98
35) Caprolactam	11.68	113	144666	41.674	ng		98
36) 4-Chloro-3-methylphenol	12.04	107	408012	41.102	ng		98
37) 2-Methylnaphthalene	12.42	142	886987	41.064	ng		99
38) 1-Methylnaphthalene	12.64	142	844302	41.242	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	456232	39.193	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	241235	39.973 ng	99
43) 2,4,6-Trichlorophenol	13.03	196	317494	39.639 ng	97
44) 2,4,5-Trichlorophenol	13.10	196	330320	39.986 ng	97
46) 1,1'-Biphenyl	13.43	154	1149352	40.363 ng	99
47) 2-Chloronaphthalene	13.48	162	923276	40.126 ng	99
48) 2-Nitroaniline	13.67	65	292018	39.453 ng	94
49) Acenaphthylene	14.32	152	1358756	41.085 ng	99
50) Dimethylphthalate	14.05	163	1164875	41.309 ng	100
51) 2,6-Dinitrotoluene	14.16	165	257665	40.426 ng	98
52) Acenaphthene	14.66	154	940565	40.554 ng	98
53) 3-Nitroaniline	14.49	138	300770	41.555 ng	98
54) 2,4-Dinitrophenol	14.70	184	111128	37.361 ng	97
55) Dibenzofuran	15.00	168	1321945	41.404 ng	100
56) 4-Nitrophenol	14.80	139	233483	42.096 ng	95
57) 2,4-Dinitrotoluene	14.95	165	358670	41.356 ng	98
58) Fluorene	15.64	166	1048401	41.429 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	294186	41.414 ng	98
60) Diethylphthalate	15.42	149	1189510	42.174 ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	567502	41.300 ng	99
62) 4-Nitroaniline	15.65	138	299332	41.879 ng	98
63) Azobenzene	15.93	77	1086713	41.546 ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	157680	37.494 ng	97
66) n-Nitrosodiphenylamine	15.85	169	977309	39.512 ng	99
67) 4-Bromophenyl-phenylether	16.53	248	364751	38.612 ng	100
68) Hexachlorobenzene	16.65	284	398547	39.154 ng	98
69) Atrazine	16.80	200	323145	40.192 ng	99
70) Pentachlorophenol	16.99	266	224510	40.011 ng	97
71) Phenanthrene	17.38	178	1637952	40.657 ng	99
72) Anthracene	17.47	178	1623005	40.764 ng	100
73) Carbazole	17.73	167	1495486	40.663 ng	99
74) Di-n-butylphthalate	18.31	149	1854433	39.493 ng	99
75) Fluoranthene	19.39	202	1814865	39.390 ng	99
77) Benzidine	19.56	184	784326	44.711 ng	98
78) Pyrene	19.75	202	1823829	40.036 ng	99
80) Butylbenzylphthalate	20.64	149	865594	39.910 ng	99
81) Benzo(a)anthracene	21.57	228	1758036	40.625 ng	99
82) 3,3'-Dichlorobenzidine	21.49	252	695487	40.679 ng	100
83) Chrysene	21.64	228	1672975	40.685 ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1199784	40.092 ng	99
85) Di-n-octyl phthalate	22.69	149	2045318	40.654 ng	99
86) Indeno(1,2,3-cd)pyrene	28.27	276	2197135	39.317 ng	100
88) Benzo(b)fluoranthene	23.73	252	1861228	39.437 ng	99
89) Benzo(k)fluoranthene	23.80	252	1846705	41.148 ng	100
90) Benzo(a)pyrene	24.57	252	1784646	40.065 ng	99
91) Dibenzo(a,h)anthracene	28.33	278	1789911	40.011 ng	98
92) Benzo(g,h,i)perylene	29.37	276	1753264	39.456 ng	100

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

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