Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043028.D
Acq On : 4 Oct 2019 6:55
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 04 07:31:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	75328	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	305100	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	214654	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	492403	20.00	ng		0.00
76) Chrysene-d12	21.70	240	529366	20.00	ng		-0.01
87) Perylene-d12	24.92	264	628125	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	337494	79.96	ng		0.00
7) Phenol-d6	7.24	99	487481	80.20	ng		0.00
23) Nitrobenzene-d5	9.23	82	472883	75.33	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	300255	81.35	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1159922	78.34	ng		-0.01
79) Terphenyl-d14	20.04	244	1997328	80.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	65568	37.258	ng		89
3) Pyridine	3.95	79	183508	37.074	ng		88
4) n-Nitrosodimethylamine	3.87	42	84341	35.433	ng	#	82
6) Aniline	7.40	93	285373	38.893	ng		96
8) 2-Chlorophenol	7.64	128	180237	40.945	ng		97
9) Benzaldehyde	7.21	77	137387	36.988	ng		95
10) Phenol	7.27	94	224630	40.280	ng		91
11) bis(2-Chloroethyl)ether	7.49	93	164017	38.012	ng		98
12) 1,3-Dichlorobenzene	7.96	146	223303	39.766	ng		98
13) 1,4-Dichlorobenzene	8.10	146	224124	40.037	ng		97
14) 1,2-Dichlorobenzene	8.43	146	213987	40.152	ng		94
15) Benzyl Alcohol	8.31	79	177906	38.929	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	273641	33.022	ng		96
17) 2-Methylphenol	8.51	107	152845	39.170	ng		96
18) Hexachloroethane	9.15	117	81900	38.848	ng		99
19) n-Nitroso-di-n-propylamine	8.87	70	147908	37.058	ng		91
20) 3+4-Methylphenols	8.84	107	213868	39.994	ng		97
22) Acetophenone	8.89	105	297568	37.837	ng	#	95
24) Nitrobenzene	9.27	77	226328	37.801	ng		98
25) Isophorone	9.79	82	404118	36.651	ng		99
26) 2-Nitrophenol	9.98	139	106341	41.721	ng		98
27) 2,4-Dimethylphenol	10.04	122	150505	38.450	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	234349	37.461	ng		98
29) 2,4-Dichlorophenol	10.52	162	199390	40.958	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	243768	38.775	ng		95
31) Naphthalene	10.92	128	576051	38.355	ng		99
32) Benzoic acid	10.20	122	134718	44.844	ng		99
33) 4-Chloroaniline	11.03	127	257198	39.465	ng		97
34) Hexachlorobutadiene	11.21	225	177813	37.775	ng		97
35) Caprolactam	11.81	113	66032	38.463	ng		91
36) 4-Chloro-3-methylphenol	12.15	107	208100	39.315	ng		94
37) 2-Methylnaphthalene	12.52	142	434999	37.966	ng		95
38) 1-Methylnaphthalene	12.74	142	417202	38.482	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	311881	38.643	ng		99

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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	12.87	237	159538	31.024 ng		95
43) 2,4,6-Trichlorophenol	13.13	196	194208	41.112 ng		97
44) 2,4,5-Trichlorophenol	13.20	196	198688	40.829 ng		97
46) 1,1'-Biphenyl	13.52	154	625778	38.443 ng		98
47) 2-Chloronaphthalene	13.57	162	483102	39.584 ng		99
48) 2-Nitroaniline	13.77	65	161479	39.787 ng		92
49) Acenaphthylene	14.41	152	726610	38.909 ng		99
50) Dimethylphthalate	14.14	163	608532	37.836 ng		99
51) 2,6-Dinitrotoluene	14.25	165	138823	40.532 ng		91
52) Acenaphthene	14.75	154	491797	39.344 ng		99
53) 3-Nitroaniline	14.59	138	141759	40.049 ng		95
54) 2,4-Dinitrophenol	14.79	184	67354	31.637 ng		99
55) Dibenzofuran	15.09	168	715025	38.669 ng		98
56) 4-Nitrophenol	14.90	139	103360	38.325 ng		97
57) 2,4-Dinitrotoluene	15.04	165	196153	39.108 ng		97
58) Fluorene	15.73	166	601247	38.085 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	202333	39.050 ng		98
60) Diethylphthalate	15.50	149	608546	37.179 ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	357958	37.808 ng		98
62) 4-Nitroaniline	15.75	138	150854	39.078 ng		98
63) Azobenzene	16.02	77	532235	35.716 ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	97057	34.833 ng		92
66) n-Nitrosodiphenylamine	15.94	169	527443	40.576 ng		99
67) 4-Bromophenyl-phenylether	16.62	248	248412	40.195 ng		96
68) Hexachlorobenzene	16.74	284	284547	41.352 ng		96
69) Atrazine	16.89	200	201821	36.871 ng		96
70) Pentachlorophenol	17.09	266	160503	40.423 ng		98
71) Phenanthrene	17.47	178	936750	38.967 ng		98
72) Anthracene	17.56	178	934877	38.955 ng		98
73) Carbazole	17.83	167	857160	38.516 ng		99
74) Di-n-butylphthalate	18.39	149	1037784	39.084 ng		99
75) Fluoranthene	19.48	202	1200283	37.749 ng		99
77) Benzidine	19.66	184	522878	39.448 ng		99
78) Pyrene	19.84	202	1207414	38.214 ng		99
80) Butylbenzylphthalate	20.72	149	489981	40.855 ng		98
81) Benzo(a)anthracene	21.68	228	1296850	39.317 ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	510423	39.455 ng		99
83) Chrysene	21.75	228	1244213	38.871 ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	693200	40.621 ng		99
85) Di-n-octyl phthalate	22.80	149	1167451	41.836 ng		97
86) Indeno(1,2,3-cd)pyrene	28.60	276	1610896	40.426 ng	#	97
88) Benzo(b)fluoranthene	23.90	252	1375185	38.693 ng		99
89) Benzo(k)fluoranthene	23.97	252	1331443	37.868 ng		99
90) Benzo(a)pyrene	24.78	252	1292265	38.539 ng		99
91) Dibenzo(a,h)anthracene	28.66	278	1348758	39.226 ng		99
92) Benzo(g,h,i)perylene	29.75	276	1297470	38.945 ng		95

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

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