Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092119\
Data File : BG042909.D
Acq On : 21 Sep 2019 13:10
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Sep 23 05:32:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 05:23:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	70707	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	294325	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	209055	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	478123	20.00	ng	0.00
76) Chrysene-d12	21.72	240	500256	20.00	ng	0.00
87) Perylene-d12	24.95	264	562372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	494577	121.69	ng	0.00
7) Phenol-d6	7.26	99	713467	122.52	ng	0.00
23) Nitrobenzene-d5	9.24	82	720658	126.34	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	385232	135.08	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1619136	121.49	ng	0.00
79) Terphenyl-d14	20.05	244	2638493	116.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	98082	53.986	ng	98
3) Pyridine	3.97	79	302950	55.471	ng	94
4) n-Nitrosodimethylamine	3.87	42	140261	52.940	ng	99
6) Aniline	7.41	93	434603	56.051	ng	98
8) 2-Chlorophenol	7.65	128	251311	57.697	ng	99
9) Benzaldehyde	7.22	77	196309	50.657	ng	98
10) Phenol	7.29	94	329426	55.795	ng	99
11) bis(2-Chloroethyl)ether	7.50	93	260022	57.308	ng	99
12) 1,3-Dichlorobenzene	7.98	146	314350	59.071	ng	98
13) 1,4-Dichlorobenzene	8.12	146	314492	58.933	ng	98
14) 1,2-Dichlorobenzene	8.44	146	295156	58.086	ng	99
15) Benzyl Alcohol	8.32	79	272565	55.367	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	489433	49.934	ng	99
17) 2-Methylphenol	8.53	107	226403	57.027	ng	98
18) Hexachloroethane	9.17	117	118638	60.161	ng	94
19) n-Nitroso-di-n-propylamine	8.89	70	236838	55.810	ng	98
20) 3+4-Methylphenols	8.86	107	321153	58.630	ng	94
22) Acetophenone	8.91	105	447112	59.223	ng	95
24) Nitrobenzene	9.29	77	354659	60.070	ng	99
25) Isophorone	9.81	82	638830	54.988	ng	97
26) 2-Nitrophenol	10.00	139	149589	63.880	ng	96
27) 2,4-Dimethylphenol	10.06	122	223498	54.989	ng	100
28) bis(2-Chloroethoxy)methane	10.29	93	365395	56.130	ng	99
29) 2,4-Dichlorophenol	10.54	162	276380	58.188	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	345320	59.230	ng	100
31) Naphthalene	10.94	128	841549	58.069	ng	99
32) Benzoic acid	10.23	122	181961	58.978	ng	95
33) 4-Chloroaniline	11.05	127	385488	57.313	ng	97
34) Hexachlorobutadiene	11.22	225	249052	60.510	ng	98
35) Caprolactam	11.85	113	99161	56.415	ng	95
36) 4-Chloro-3-methylphenol	12.17	107	303436	58.589	ng	99
37) 2-Methylnaphthalene	12.53	142	639292	58.956	ng	98
38) 1-Methylnaphthalene	12.75	142	605445	59.490	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	432408	60.189	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	278259	68.386	ng		94
43) 2,4,6-Trichlorophenol	13.14	196	269953	58.885	ng		96
44) 2,4,5-Trichlorophenol	13.22	196	275584	58.604	ng		98
46) 1,1'-Biphenyl	13.54	154	900935	59.813	ng		99
47) 2-Chloronaphthalene	13.58	162	691265	57.182	ng		98
48) 2-Nitroaniline	13.78	65	247768	59.376	ng		98
49) Acenaphthylene	14.43	152	1054090	57.211	ng		98
50) Dimethylphthalate	14.16	163	882488	56.528	ng		99
51) 2,6-Dinitrotoluene	14.27	165	196925	61.189	ng		94
52) Acenaphthene	14.77	154	678228	55.817	ng		98
53) 3-Nitroaniline	14.61	138	203977	56.992	ng		98
54) 2,4-Dinitrophenol	14.80	184	121198	74.107	ng		99
55) Dibenzofuran	15.10	168	1019266	56.989	ng		100
56) 4-Nitrophenol	14.92	139	162276	58.796	ng		97
57) 2,4-Dinitrotoluene	15.05	165	279352	64.645	ng		97
58) Fluorene	15.75	166	860719	57.663	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	280697	61.246	ng		100
60) Diethylphthalate	15.52	149	892989	56.409	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	511996	58.030	ng		99
62) 4-Nitroaniline	15.77	138	223622	58.025	ng		99
63) Azobenzene	16.03	77	853288	56.018	ng		99
65) 4,6-Dinitro-2-methylphenol	15.82	198	158500	75.102	ng		97
66) n-Nitrosodiphenylamine	15.95	169	760194	59.119	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	349755	60.464	ng		96
68) Hexachlorobenzene	16.75	284	387843	62.468	ng		95
69) Atrazine	16.90	200	316509	67.108	ng		100
70) Pentachlorophenol	17.09	266	231933	63.299	ng		99
71) Phenanthrene	17.49	178	1353889	59.274	ng		100
72) Anthracene	17.58	178	1349261	59.057	ng		97
73) Carbazole	17.85	167	1257855	58.298	ng		99
74) Di-n-butylphthalate	18.40	149	1484378	57.555	ng		99
75) Fluoranthene	19.49	202	1693719	57.487	ng		96
77) Benzidine	19.67	184	843746	59.906	ng		100
78) Pyrene	19.86	202	1715476	55.303	ng		99
80) Butylbenzylphthalate	20.74	149	695067	55.818	ng		96
81) Benzo(a)anthracene	21.69	228	1776971	56.253	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	727191	58.831	ng		99
83) Chrysene	21.76	228	1716468	57.115	ng		95
84) Bis(2-ethylhexyl)phthalate	21.61	149	965464	56.283	ng		97
85) Di-n-octyl phthalate	22.83	149	1600371	54.928	ng		100
86) Indeno(1,2,3-cd)pyrene	28.64	276	2184859	58.592	ng	#	96
88) Benzo(b)fluoranthene	23.93	252	1881168	57.502	ng		99
89) Benzo(k)fluoranthene	24.00	252	1814606	58.276	ng		97
90) Benzo(a)pyrene	24.80	252	1798363	58.501	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	1817498	59.877	ng		99
92) Benzo(g,h,i)perylene	29.81	276	1765690	59.685	ng		98

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

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