Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
Data File : BG036670.D
Acq On : 12 Sep 2018 00:01
Operator : JU/SJ
Sample : PB112760BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112760BS

Quant Time: Sep 12 04:05:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62090	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	274050	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	200096	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	482436	20.00	ng		0.00
75) Chrysene-d12	21.69	240	419597	20.00	ng		0.00
86) Perylene-d12	24.89	264	438917	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	395586	101.07	ng		0.00
7) Phenol-d6	7.22	99	578040	103.15	ng		0.00
23) Nitrobenzene-d5	9.22	82	517523	102.46	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	261869	109.68	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1237096	88.28	ng		0.00
78) Terphenyl-d14	20.03	244	1763850	98.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	47552	26.032	ng		98
3) Pyridine	3.92	79	156903	30.601	ng		98
4) n-Nitrosodimethylamine	3.84	42	90665	39.700	ng		96
6) Aniline	7.38	93	164193	23.082	ng		96
8) 2-Chlorophenol	7.62	128	202018	47.593	ng		97
9) Benzaldehyde	7.19	77	100129	25.946	ng		99
10) Phenol	7.24	94	285077	48.610	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	185624	39.924	ng		97
12) 1,3-Dichlorobenzene	7.94	146	190246	39.252	ng		98
13) 1,4-Dichlorobenzene	8.09	146	195403	39.931	ng		98
14) 1,2-Dichlorobenzene	8.41	146	187818	40.189	ng		96
15) Benzyl Alcohol	8.29	79	207539	45.939	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	370588	39.524	ng		98
17) 2-Methylphenol	8.49	107	194212	49.873	ng		98
18) Hexachloroethane	9.14	117	70599	40.240	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	171857	41.033	ng		96
20) 3+4-Methylphenols	8.82	107	271985	50.027	ng		99
22) Acetophenone	8.87	105	313131	43.512	ng	#	99
24) Nitrobenzene	9.26	77	255438	46.898	ng		98
25) Isophorone	9.78	82	493444	49.177	ng		99
26) 2-Nitrophenol	9.96	139	114812	53.195	ng		98
27) 2,4-Dimethylphenol	10.02	122	220322	55.137	ng		100
28) bis(2-Chloroethoxy)methane	10.26	93	286988	46.603	ng		100
29) 2,4-Dichlorophenol	10.51	162	239686	54.732	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	227413	44.390	ng		98
31) Naphthalene	10.91	128	655487	47.848	ng		99
32) Benzoic acid	10.17	122	124998	42.735	ng		96
33) 4-Chloroaniline	11.01	127	86544	13.786	ng		98
34) Hexachlorobutadiene	11.19	225	151030	43.878	ng		98
35) Caprolactam	11.80	113	90158	51.680	ng		96
36) 4-Chloro-3-methylphenol	12.13	107	274257	53.897	ng		98
37) 2-Methylnaphthalene	12.51	142	526747	52.549	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	307464	43.420	ng		98
40) Hexachlorocyclopentadiene	12.86	237	364832	99.022	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	215819	50.033	ng	100
43) 2,4,5-Trichlorophenol	13.18	196	233674	50.790	ng	99
45) 1,1'-Biphenyl	13.51	154	705046	42.448	ng	100
46) 2-Chloronaphthalene	13.56	162	547732	43.197	ng	99
47) 2-Nitroaniline	13.76	65	199258	50.043	ng	97
48) Acenaphthylene	14.40	152	931230	46.992	ng	99
49) Dimethylphthalate	14.14	163	764967	46.818	ng	99
50) 2,6-Dinitrotoluene	14.25	165	170389	50.679	ng	95
51) Acenaphthene	14.74	154	556449	43.844	ng	99
52) 3-Nitroaniline	14.58	138	87953	24.276	ng	98
53) 2,4-Dinitrophenol	14.78	184	89669	70.412	ng	98
54) Dibenzofuran	15.08	168	893200	44.922	ng	99
55) 4-Nitrophenol	14.88	139	223910	75.585	ng	95
56) 2,4-Dinitrotoluene	15.04	165	234061	53.416	ng	93
57) Fluorene	15.73	166	720774	48.491	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	230118	53.235	ng	97
59) Diethylphthalate	15.49	149	763783	46.385	ng	98
60) 4-Chlorophenyl-phenylether	15.72	204	424638	46.265	ng	99
61) 4-Nitroaniline	15.75	138	162451	42.848	ng	96
62) Azobenzene	16.01	77	745052	44.470	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	98759	46.601	ng	97
65) n-Nitrosodiphenylamine	15.93	169	663000	46.251	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	276999	49.041	ng	99
67) Hexachlorobenzene	16.73	284	279538	48.400	ng	99
68) Atrazine	16.88	200	273637	50.857	ng	97
69) Pentachlorophenol	17.07	266	294531	75.033	ng	98
70) Phenanthrene	17.47	178	1154844	47.110	ng	97
71) Anthracene	17.56	178	1157143	47.354	ng	97
72) Carbazole	17.82	167	949968	38.927	ng	99
73) Di-n-butylphthalate	18.38	149	1110877	40.878	ng	99
74) Fluoranthene	19.47	202	1264004	42.292	ng	100
76) Benzidine	19.65	184	331203	24.741	ng	99
77) Pyrene	19.83	202	1230118	47.674	ng	98
79) Butylbenzylphthalate	20.72	149	479283	46.674	ng	93
80) Benzo(a)anthracene	21.67	228	1226977	48.268	ng	97
81) 3,3'-Dichlorobenzidine	21.58	252	241219	23.810	ng	99
82) Chrysene	21.73	228	1149995	47.728	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	666489	46.382	ng	99
84) Di-n-octyl phthalate	22.79	149	1130750	47.111	ng	97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1327679	47.442	ng	98
87) Benzo(b)fluoranthene	23.88	252	1239984	50.875	ng	99
88) Benzo(k)fluoranthene	23.95	252	1182684	49.669	ng	99
89) Benzo(a)pyrene	24.75	252	1189740	50.798	ng	99
90) Dibenzo(a,h)anthracene	28.61	278	1057883	46.787	ng	98
91) Benzo(g,h,i)perylene	29.69	276	1085890	47.791	ng	97

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

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