Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
Data File : BG036651.D
Acq On : 11 Sep 2018 8:00
Operator : JU/SJ
Sample : PB112716BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112716BS

Quant Time: Sep 11 11:11:27 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	61612	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	258322	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	172484	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	435635	20.00	ng	0.00
75) Chrysene-d12	21.69	240	452743	20.00	ng	0.00
86) Perylene-d12	24.90	264	474671	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	385332	99.21	ng	0.00
7) Phenol-d6	7.21	99	534048	96.04	ng	0.00
23) Nitrobenzene-d5	9.22	82	479919	100.80	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	224797	109.22	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1098176	90.91	ng	0.00
78) Terphenyl-d14	20.03	244	1797023	92.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	56106	30.953	ng	97
3) Pyridine	3.92	79	175288	34.452	ng	99
4) n-Nitrosodimethylamine	3.84	42	96887	42.753	ng	90
6) Aniline	7.38	93	258921	36.682	ng	96
8) 2-Chlorophenol	7.62	128	195153	46.333	ng	98
9) Benzaldehyde	7.19	77	109140	28.500	ng	94
10) Phenol	7.24	94	275728	47.380	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	187739	40.692	ng	98
12) 1,3-Dichlorobenzene	7.95	146	195058	40.557	ng	98
13) 1,4-Dichlorobenzene	8.09	146	199337	41.051	ng	97
14) 1,2-Dichlorobenzene	8.41	146	187892	40.517	ng	97
15) Benzyl Alcohol	8.29	79	196906	43.924	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.58	45	358655	38.548	ng	99
17) 2-Methylphenol	8.49	107	184080	47.638	ng	98
18) Hexachloroethane	9.14	117	73328	42.119	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	163390	39.314	ng	95
20) 3+4-Methylphenols	8.82	107	251792	46.672	ng	98
22) Acetophenone	8.87	105	299913	44.213	ng	98
24) Nitrobenzene	9.26	77	242760	47.284	ng	99
25) Isophorone	9.78	82	455269	48.135	ng	98
26) 2-Nitrophenol	9.97	139	108318	53.242	ng	97
27) 2,4-Dimethylphenol	10.03	122	203809	54.110	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	268428	46.243	ng	96
29) 2,4-Dichlorophenol	10.50	162	218294	52.882	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	220590	45.680	ng	97
31) Naphthalene	10.91	128	619986	48.012	ng	99
32) Benzoic acid	10.15	122	80871	30.737	ng	94
33) 4-Chloroaniline	11.01	127	186470	31.512	ng	99
34) Hexachlorobutadiene	11.20	225	149392	46.044	ng	97
35) Caprolactam	11.79	113	79488	48.338	ng	92
36) 4-Chloro-3-methylphenol	12.13	107	239017	49.832	ng	99
37) 2-Methylnaphthalene	12.51	142	489489	51.805	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	282051	46.208	ng	99
40) Hexachlorocyclopentadiene	12.86	237	342897	107.968	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	188762	50.766	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	205232	51.749	ng		97
45) 1,1'-Biphenyl	13.52	154	625984	43.721	ng		99
46) 2-Chloronaphthalene	13.56	162	493701	45.168	ng		99
47) 2-Nitroaniline	13.76	65	176942	51.552	ng		98
48) Acenaphthylene	14.40	152	834958	48.879	ng		100
49) Dimethylphthalate	14.13	163	658196	46.733	ng		98
50) 2,6-Dinitrotoluene	14.25	165	148333	51.182	ng		92
51) Acenaphthene	14.74	154	510661	46.678	ng		98
52) 3-Nitroaniline	14.58	138	127977	40.977	ng	#	98
53) 2,4-Dinitrophenol	14.79	184	48878	44.525	ng		92
54) Dibenzofuran	15.08	168	796196	46.454	ng		99
55) 4-Nitrophenol	14.89	139	211581	82.857	ng		99
56) 2,4-Dinitrotoluene	15.04	165	205613	54.436	ng		90
57) Fluorene	15.73	166	631438	49.281	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	201717	54.135	ng		96
59) Diethylphthalate	15.50	149	651719	45.915	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	367409	46.438	ng		99
61) 4-Nitroaniline	15.74	138	159616	48.840	ng		97
62) Azobenzene	16.01	77	646887	44.792	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	65934	34.454	ng		94
65) n-Nitrosodiphenylamine	15.93	169	587043	45.352	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	246258	48.282	ng		99
67) Hexachlorobenzene	16.73	284	244948	46.967	ng		99
68) Atrazine	16.88	200	248612	51.170	ng		99
69) Pentachlorophenol	17.07	266	253842	71.615	ng		97
70) Phenanthrene	17.46	178	1069836	48.330	ng		98
71) Anthracene	17.56	178	1083841	49.119	ng		98
72) Carbazole	17.82	167	961080	43.613	ng		99
73) Di-n-butylphthalate	18.38	149	1092127	44.505	ng		99
74) Fluoranthene	19.47	202	1314035	48.689	ng		99
76) Benzidine	19.65	184	613766	42.491	ng		99
77) Pyrene	19.83	202	1287062	46.229	ng		98
79) Butylbenzylphthalate	20.71	149	518116	46.762	ng		96
80) Benzo(a)anthracene	21.67	228	1315438	47.960	ng		97
81) 3,3'-Dichlorobenzidine	21.58	252	371702	34.004	ng		100
82) Chrysene	21.74	228	1232260	47.398	ng		96
83) Bis(2-ethylhexyl)phthalate	21.58	149	711474	45.887	ng		98
84) Di-n-octyl phthalate	22.79	149	1205099	46.533	ng		97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1346143	44.580	ng		96
87) Benzo(b)fluoranthene	23.88	252	1343933	50.987	ng		97
88) Benzo(k)fluoranthene	23.95	252	1272749	49.425	ng		99
89) Benzo(a)pyrene	24.75	252	1281651	50.601	ng		99
90) Dibenzo(a,h)anthracene	28.61	278	1065695	43.583	ng		97
91) Benzo(g,h,i)perylene	29.69	276	1125433	45.800	ng		96

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

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