Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
Data File : BG036643.D
Acq On : 11 Sep 2018 2:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 11 03:23:43 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	63246	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	288555	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	189017	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	506765	20.00	ng		0.00
75) Chrysene-d12	21.69	240	518393	20.00	ng		0.00
86) Perylene-d12	24.89	264	548041	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	311706	78.18	ng		0.00
7) Phenol-d6	7.21	99	450535	78.92	ng		0.00
23) Nitrobenzene-d5	9.22	82	437408	82.25	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	203972	90.44	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1010743	76.35	ng		0.00
78) Terphenyl-d14	20.03	244	1630069	73.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	66698	35.846	ng		95
3) Pyridine	3.93	79	195289	37.391	ng		98
4) n-Nitrosodimethylamine	3.84	42	84624	36.377	ng		92
6) Aniline	7.38	93	267009	36.850	ng		97
8) 2-Chlorophenol	7.62	128	167228	38.677	ng		97
9) Benzaldehyde	7.19	77	143979	36.627	ng		97
10) Phenol	7.24	94	233990	39.169	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	175877	37.136	ng		98
12) 1,3-Dichlorobenzene	7.94	146	188680	38.217	ng		98
13) 1,4-Dichlorobenzene	8.09	146	193546	38.829	ng		100
14) 1,2-Dichlorobenzene	8.41	146	181173	38.059	ng		96
15) Benzyl Alcohol	8.29	79	171724	37.317	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	329271	34.475	ng		99
17) 2-Methylphenol	8.49	107	152881	38.542	ng		97
18) Hexachloroethane	9.14	117	70132	39.243	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	154202	36.144	ng		97
20) 3+4-Methylphenols	8.82	107	220679	39.848	ng		98
22) Acetophenone	8.88	105	271660	35.852	ng	#	98
24) Nitrobenzene	9.26	77	222983	38.882	ng		97
25) Isophorone	9.78	82	369823	35.004	ng		95
26) 2-Nitrophenol	9.97	139	100897	44.398	ng		95
27) 2,4-Dimethylphenol	10.02	122	154066	36.618	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	234455	36.158	ng		99
29) 2,4-Dichlorophenol	10.50	162	188373	40.852	ng		93
30) 1,2,4-Trichlorobenzene	10.72	180	209991	38.929	ng		98
31) Naphthalene	10.91	128	534711	37.069	ng		99
32) Benzoic acid	10.15	122	92114	31.254	ng		96
33) 4-Chloroaniline	11.02	127	253392	38.335	ng		98
34) Hexachlorobutadiene	11.19	225	144251	39.801	ng		97
35) Caprolactam	11.80	113	71944	39.167	ng	#	87
36) 4-Chloro-3-methylphenol	12.13	107	210824	39.349	ng		98
37) 2-Methylnaphthalene	12.51	142	405593	38.428	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	259542	38.801	ng		98
40) Hexachlorocyclopentadiene	12.86	237	125257	35.990	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	165494	40.615 ng		98
43) 2,4,5-Trichlorophenol	13.18	196	174765	40.212 ng		98
45) 1,1'-Biphenyl	13.51	154	580745	37.014 ng		100
46) 2-Chloronaphthalene	13.56	162	457511	38.196 ng		99
47) 2-Nitroaniline	13.76	65	157699	41.927 ng		98
48) Acenaphthylene	14.40	152	702078	37.505 ng		100
49) Dimethylphthalate	14.13	163	592263	38.373 ng		99
50) 2,6-Dinitrotoluene	14.25	165	131456	41.391 ng		98
51) Acenaphthene	14.75	154	440113	36.710 ng		99
52) 3-Nitroaniline	14.58	138	146933	42.931 ng		100
53) 2,4-Dinitrophenol	14.78	184	28657	23.822 ng		97
54) Dibenzofuran	15.08	168	721820	38.430 ng		99
55) 4-Nitrophenol	14.88	139	96917	34.634 ng		99
56) 2,4-Dinitrotoluene	15.03	165	192839	46.588 ng		92
57) Fluorene	15.73	166	535432	38.133 ng		100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	176083	43.122 ng		95
59) Diethylphthalate	15.49	149	608716	39.134 ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	339875	39.200 ng		97
61) 4-Nitroaniline	15.75	138	150836	42.116 ng		96
62) Azobenzene	16.01	77	572493	36.174 ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	84001	37.734 ng		97
65) n-Nitrosodiphenylamine	15.93	169	540298	35.882 ng		99
66) 4-Bromophenyl-phenylether	16.61	248	224999	37.922 ng		99
67) Hexachlorobenzene	16.73	284	236966	39.059 ng		99
68) Atrazine	16.87	200	179946	31.838 ng		99
69) Pentachlorophenol	17.07	266	185749	45.049 ng		98
70) Phenanthrene	17.47	178	951119	36.936 ng		98
71) Anthracene	17.56	178	948136	36.938 ng		98
72) Carbazole	17.83	167	926446	36.140 ng		99
73) Di-n-butylphthalate	18.38	149	1027391	35.991 ng		99
74) Fluoranthene	19.47	202	1152197	36.700 ng		98
76) Benzidine	19.65	184	510854	30.888 ng		99
77) Pyrene	19.83	202	1170113	36.706 ng		99
79) Butylbenzylphthalate	20.72	149	471020	37.128 ng		93
80) Benzo(a)anthracene	21.67	228	1153763	36.738 ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	441415	35.267 ng		99
82) Chrysene	21.74	228	1104261	37.096 ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	644172	36.285 ng		100
84) Di-n-octyl phthalate	22.78	149	1066179	35.955 ng		98
85) Indeno(1,2,3-cd)pyrene	28.54	276	1140261	32.979 ng	#	95
87) Benzo(b)fluoranthene	23.88	252	1114722	36.629 ng		97
88) Benzo(k)fluoranthene	23.95	252	1137496	38.259 ng		98
89) Benzo(a)pyrene	24.75	252	1085228	37.110 ng		99
90) Dibenzo(a,h)anthracene	28.61	278	907021	32.128 ng		98
91) Benzo(g,h,i)perylene	29.68	276	942191	33.210 ng		95

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

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