Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
Data File : BG036358.D
Acq On : 23 Aug 2018 1:07
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Aug 23 02:11:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 01:15:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	51950	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	237734	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	152397	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	367220	20.00	ng		0.00
75) Chrysene-d12	21.72	240	356877	20.00	ng		0.00
86) Perylene-d12	24.94	264	379033	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	394987	125.48	ng		0.00
7) Phenol-d6	7.23	99	567449	121.61	ng		0.00
23) Nitrobenzene-d5	9.24	82	536415	97.00	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	225593	112.29	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	1189818	104.78	ng		0.00
78) Terphenyl-d14	20.05	244	1712350	106.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	86849	54.596	ng		99
3) Pyridine	3.94	79	267020	64.070	ng		99
4) n-Nitrosodimethylamine	3.85	42	115995	64.201	ng		95
6) Aniline	7.40	93	362800	60.134	ng		98
8) 2-Chlorophenol	7.64	128	212716	65.771	ng		97
9) Benzaldehyde	7.21	77	169420	58.792	ng		97
10) Phenol	7.25	94	297051	62.749	ng		96
11) bis(2-Chloroethyl)ether	7.49	93	233669	62.901	ng		100
12) 1,3-Dichlorobenzene	7.96	146	238808	61.717	ng		99
13) 1,4-Dichlorobenzene	8.11	146	244425	62.239	ng		99
14) 1,2-Dichlorobenzene	8.43	146	232838	61.772	ng		95
15) Benzyl Alcohol	8.31	79	239398	57.301	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	461248	122.750	ng		99
17) 2-Methylphenol	8.51	107	201657	63.043	ng		99
18) Hexachloroethane	9.16	117	87975	58.833	ng		97
19) n-Nitroso-di-n-propylamine	8.88	70	213934	55.229	ng		99
20) 3+4-Methylphenols	8.84	107	283491	64.008	ng		98
22) Acetophenone	8.90	105	360603	49.629	ng	#	96
24) Nitrobenzene	9.28	77	289689	51.482	ng		98
25) Isophorone	9.81	82	519947	50.295	ng		97
26) 2-Nitrophenol	9.99	139	121717	60.606	ng		97
27) 2,4-Dimethylphenol	10.04	122	203465	59.068	ng		98
28) bis(2-Chloroethoxy)methane	10.29	93	312030	54.084	ng		99
29) 2,4-Dichlorophenol	10.52	162	233536	59.734	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	261976	54.887	ng		98
31) Naphthalene	10.93	128	687303	55.412	ng		99
32) Benzoic acid	10.19	122	165957	70.821	ng		92
33) 4-Chloroaniline	11.03	127	323737	59.504	ng		99
34) Hexachlorobutadiene	11.22	225	176423	48.086	ng		97
35) Caprolactam	11.82	113	92480	54.971	ng		97
36) 4-Chloro-3-methylphenol	12.14	107	270320	52.399	ng		99
37) 2-Methylnaphthalene	12.53	142	509949	55.481	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	313267	54.435	ng		99
40) Hexachlorocyclopentadiene	12.88	237	171509	57.124	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	202313	60.212	ng	100
43) 2,4,5-Trichlorophenol	13.20	196	209974	55.557	ng	95
45) 1,1'-Biphenyl	13.54	154	721537	60.234	ng	98
46) 2-Chloronaphthalene	13.58	162	558065	59.781	ng	99
47) 2-Nitroaniline	13.77	65	196367	60.278	ng	99
48) Acenaphthylene	14.42	152	864190	55.897	ng	99
49) Dimethylphthalate	14.16	163	722652	54.077	ng	100
50) 2,6-Dinitrotoluene	14.27	165	154518	56.919	ng	97
51) Acenaphthene	14.77	154	560490	57.832	ng	99
52) 3-Nitroaniline	14.59	138	173718	61.726	ng	95
53) 2,4-Dinitrophenol	14.80	184	63386	54.012	ng	95
54) Dibenzofuran	15.10	168	858313	55.964	ng	100
55) 4-Nitrophenol	14.89	139	134892	65.663	ng	96
56) 2,4-Dinitrotoluene	15.05	165	208640	54.437	ng	95
57) Fluorene	15.75	166	640355	50.370	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.32	232	200547	55.767	ng	99
59) Diethylphthalate	15.52	149	718854	52.496	ng	97
60) 4-Chlorophenyl-phenylether	15.74	204	401615	53.544	ng	100
61) 4-Nitroaniline	15.76	138	172789	58.787	ng	98
62) Azobenzene	16.03	77	727508	53.704	ng	99
64) 4,6-Dinitro-2-methylphenol	15.82	198	104413	52.611	ng	97
65) n-Nitrosodiphenylamine	15.95	169	636955	60.532	ng	100
66) 4-Bromophenyl-phenylether	16.63	248	256523	60.032	ng	98
67) Hexachlorobenzene	16.75	284	260842	59.173	ng	99
68) Atrazine	16.90	200	204754	48.105	ng	99
69) Pentachlorophenol	17.09	266	191655	69.461	ng	96
70) Phenanthrene	17.49	178	1065896	57.730	ng	98
71) Anthracene	17.58	178	1061631	57.753	ng	98
72) Carbazole	17.84	167	1042360	59.213	ng	99
73) Di-n-butylphthalate	18.41	149	1164561	56.399	ng	98
74) Fluoranthene	19.49	202	1270655	51.720	ng	98
76) Benzidine	19.67	184	574134	59.372	ng	98
77) Pyrene	19.85	202	1281346	56.520	ng	97
79) Butylbenzylphthalate	20.75	149	542759	66.008	ng	97
80) Benzo(a)anthracene	21.69	228	1254256	56.353	ng	97
81) 3,3'-Dichlorobenzidine	21.61	252	515971	65.070	ng	98
82) Chrysene	21.76	228	1186030	57.214	ng	96
83) Bis(2-ethylhexyl)phthalate	21.62	149	735021	65.609	ng	100
84) Di-n-octyl phthalate	22.85	149	1264247	67.312	ng	100
85) Indeno(1,2,3-cd)pyrene	28.62	276	1458243	63.214	ng	99
87) Benzo(b)fluoranthene	23.92	252	1272019	55.412	ng	97
88) Benzo(k)fluoranthene	23.99	252	1205106	54.003	ng	99
89) Benzo(a)pyrene	24.79	252	1217113	57.038	ng	99
90) Dibenzo(a,h)anthracene	28.70	278	1161341	55.573	ng	97
91) Benzo(g,h,i)perylene	29.77	276	1184857	57.758	ng	97

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

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