Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036613.D
Acq On : 8 Sep 2018 2:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 08 02:41:47 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	8.06	152	69291	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	314196	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	217919	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	537955	20.00	ng		0.00
75) Chrysene-d12	21.69	240	523095	20.00	ng		0.00
86) Perylene-d12	24.90	264	549676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	329517	75.44	ng		0.00
7) Phenol-d6	7.21	99	499157	79.81	ng		0.00
23) Nitrobenzene-d5	9.22	82	497866	85.97	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	226485	87.10	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1153753	75.59	ng		0.00
78) Terphenyl-d14	20.03	244	1709403	76.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	69573	34.129	ng		95
3) Pyridine	3.93	79	211392	36.943	ng		98
4) n-Nitrosodimethylamine	3.85	42	89513	35.122	ng		94
6) Aniline	7.38	93	299071	37.674	ng		99
8) 2-Chlorophenol	7.62	128	182035	38.429	ng		97
9) Benzaldehyde	7.19	77	159002	36.920	ng		98
10) Phenol	7.24	94	255310	39.010	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	196008	37.777	ng		99
12) 1,3-Dichlorobenzene	7.95	146	204563	37.820	ng		99
13) 1,4-Dichlorobenzene	8.09	146	205439	37.619	ng		98
14) 1,2-Dichlorobenzene	8.41	146	197830	37.932	ng		98
15) Benzyl Alcohol	8.29	79	195510	38.779	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	359157	34.324	ng		99
17) 2-Methylphenol	8.49	107	171449	39.452	ng		96
18) Hexachloroethane	9.14	117	74351	37.974	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	174269	37.284	ng		93
20) 3+4-Methylphenols	8.82	107	245116	40.400	ng		98
22) Acetophenone	8.88	105	302793	36.699	ng	#	99
24) Nitrobenzene	9.26	77	249352	39.931	ng		95
25) Isophorone	9.78	82	419476	36.464	ng		97
26) 2-Nitrophenol	9.97	139	116008	46.882	ng		98
27) 2,4-Dimethylphenol	10.03	122	174952	38.189	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	258913	36.672	ng		97
29) 2,4-Dichlorophenol	10.51	162	213497	42.522	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	234768	39.970	ng		99
31) Naphthalene	10.91	128	597598	38.048	ng		99
32) Benzoic acid	10.16	122	135938	40.767	ng		98
33) 4-Chloroaniline	11.01	127	285730	39.700	ng		99
34) Hexachlorobutadiene	11.20	225	157120	39.814	ng		99
35) Caprolactam	11.80	113	80058	40.027	ng	#	83
36) 4-Chloro-3-methylphenol	12.13	107	242000	41.481	ng		99
37) 2-Methylnaphthalene	12.51	142	456518	39.724	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	294383	38.173	ng		98
40) Hexachlorocyclopentadiene	12.86	237	142896	35.613	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	192767	41.034 ng	99
43) 2,4,5-Trichlorophenol	13.19	196	204064	40.726 ng	97
45) 1,1'-Biphenyl	13.52	154	655651	36.246 ng	99
46) 2-Chloronaphthalene	13.56	162	513305	37.171 ng	100
47) 2-Nitroaniline	13.76	65	183566	42.331 ng	97
48) Acenaphthylene	14.40	152	794506	36.813 ng	100
49) Dimethylphthalate	14.13	163	662577	37.235 ng	99
50) 2,6-Dinitrotoluene	14.25	165	150767	41.175 ng	96
51) Acenaphthene	14.74	154	509949	36.894 ng	99
52) 3-Nitroaniline	14.58	138	164400	41.664 ng	97
53) 2,4-Dinitrophenol	14.79	184	49941	36.008 ng	94
54) Dibenzofuran	15.08	168	805572	37.201 ng	99
55) 4-Nitrophenol	14.88	139	116899	36.234 ng	99
56) 2,4-Dinitrotoluene	15.04	165	212787	44.589 ng	89
57) Fluorene	15.73	166	598521	36.973 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	195655	41.561 ng	94
59) Diethylphthalate	15.50	149	663237	36.984 ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	387712	38.787 ng	99
61) 4-Nitroaniline	15.75	138	164029	39.726 ng	95
62) Azobenzene	16.01	77	643409	35.263 ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	107394	45.446 ng	92
65) n-Nitrosodiphenylamine	15.93	169	593243	37.114 ng	99
66) 4-Bromophenyl-phenylether	16.61	248	253471	40.244 ng	98
67) Hexachlorobenzene	16.73	284	257268	39.947 ng	97
68) Atrazine	16.88	200	198633	33.107 ng	96
69) Pentachlorophenol	17.07	266	169532	38.732 ng	98
70) Phenanthrene	17.47	178	1002674	36.681 ng	98
71) Anthracene	17.56	178	1000128	36.704 ng	99
72) Carbazole	17.82	167	959890	35.274 ng	100
73) Di-n-butylphthalate	18.38	149	1059315	34.958 ng	99
74) Fluoranthene	19.47	202	1185257	35.564 ng	99
76) Benzidine	19.65	184	624969	37.448 ng	99
77) Pyrene	19.83	202	1195341	37.160 ng	98
79) Butylbenzylphthalate	20.71	149	490415	38.309 ng	95
80) Benzo(a)anthracene	21.67	228	1187672	37.478 ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	470292	37.237 ng	99
82) Chrysene	21.74	228	1115972	37.152 ng	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	665907	37.172 ng	99
84) Di-n-octyl phthalate	22.79	149	1114847	37.259 ng	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1279554	36.676 ng	98
87) Benzo(b)fluoranthene	23.88	252	1161160	38.041 ng	97
88) Benzo(k)fluoranthene	23.95	252	1129641	37.882 ng	98
89) Benzo(a)pyrene	24.75	252	1117436	38.097 ng	99
90) Dibenzo(a,h)anthracene	28.62	278	990062	34.965 ng	98
91) Benzo(g,h,i)perylene	29.69	276	1005634	35.341 ng	97

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

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