Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037665.D
Acq On : 30 Oct 2018 23:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 31 01:18:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	69605	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	321134	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	201558	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	467714	20.00	ng		0.00
76) Chrysene-d12	21.77	240	412895	20.00	ng		0.00
87) Perylene-d12	25.10	264	435222	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	327998	78.78	ng		0.00
7) Phenol-d6	7.25	99	504012	80.06	ng		0.00
23) Nitrobenzene-d5	9.28	82	469367	81.88	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	185077	84.19	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1062697	79.51	ng		0.00
79) Terphenyl-d14	20.08	244	1509363	78.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	80007	37.894	ng		97
3) Pyridine	3.93	79	203173	38.179	ng		95
4) n-Nitrosodimethylamine	3.85	42	78942	41.648	ng	#	91
6) Aniline	7.42	93	308201	40.130	ng		97
8) 2-Chlorophenol	7.66	128	194659	39.967	ng		98
9) Benzaldehyde	7.24	77	143342	36.399	ng		97
10) Phenol	7.27	94	267176	40.223	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	197694	39.187	ng		94
12) 1,3-Dichlorobenzene	7.99	146	212159	39.128	ng		97
13) 1,4-Dichlorobenzene	8.14	146	215663	38.884	ng		98
14) 1,2-Dichlorobenzene	8.45	146	205150	38.451	ng		99
15) Benzyl Alcohol	8.34	79	188031	40.422	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	363811	40.303	ng		98
17) 2-Methylphenol	8.54	107	178348	40.613	ng		98
18) Hexachloroethane	9.18	117	76277	40.340	ng		98
19) n-Nitroso-di-n-propylamine	8.91	70	168930	38.967	ng		98
20) 3+4-Methylphenols	8.86	107	250954	39.970	ng		98
22) Acetophenone	8.93	105	310055	38.498	ng		98
24) Nitrobenzene	9.32	77	240800	40.434	ng		95
25) Isophorone	9.84	82	417693	39.878	ng		98
26) 2-Nitrophenol	10.03	139	123306	45.961	ng		97
27) 2,4-Dimethylphenol	10.07	122	187266	39.094	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	269402	39.256	ng		97
29) 2,4-Dichlorophenol	10.56	162	214308	40.183	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	227665	39.253	ng		100
31) Naphthalene	10.97	128	619590	39.281	ng		100
32) Benzoic acid	10.22	122	148821	47.834	ng		99
33) 4-Chloroaniline	11.09	127	292402	39.454	ng		98
34) Hexachlorobutadiene	11.24	225	135224	39.339	ng		98
35) Caprolactam	11.88	113	84789	39.639	ng	#	91
36) 4-Chloro-3-methylphenol	12.19	107	239763	39.862	ng		98
37) 2-Methylnaphthalene	12.57	142	448923	39.043	ng		99
38) 1-Methylnaphthalene	12.79	142	433836	38.852	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	264870	40.741	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	130414	41.994 ng		98
43) 2,4,6-Trichlorophenol	13.17	196	182966	42.125 ng		99
44) 2,4,5-Trichlorophenol	13.24	196	196214	41.492 ng		97
46) 1,1'-Biphenyl	13.57	154	669674	40.118 ng		98
47) 2-Chloronaphthalene	13.62	162	507357	40.175 ng		98
48) 2-Nitroaniline	13.83	65	164969	43.077 ng		96
49) Acenaphthylene	14.46	152	770697	40.570 ng		99
50) Dimethylphthalate	14.19	163	616133	39.514 ng		100
51) 2,6-Dinitrotoluene	14.32	165	144482	41.885 ng		95
52) Acenaphthene	14.80	154	466994	39.916 ng		96
53) 3-Nitroaniline	14.65	138	159114	41.551 ng	#	96
54) 2,4-Dinitrophenol	14.85	184	45254	43.267 ng		95
55) Dibenzofuran	15.13	168	762307	39.326 ng		100
56) 4-Nitrophenol	14.94	139	111874	39.469 ng		96
57) 2,4-Dinitrotoluene	15.10	165	197328	43.580 ng		95
58) Fluorene	15.78	166	570331	39.290 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	161190	39.810 ng		99
60) Diethylphthalate	15.54	149	637526	39.824 ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	331967	39.236 ng		98
62) 4-Nitroaniline	15.81	138	157499	41.391 ng		95
63) Azobenzene	16.06	77	604664	39.588 ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	99480	41.856 ng		97
66) n-Nitrosodiphenylamine	15.99	169	560601	39.847 ng		99
67) 4-Bromophenyl-phenylether	16.66	248	204660	39.846 ng		98
68) Hexachlorobenzene	16.77	284	208025	39.078 ng		97
69) Atrazine	16.93	200	195890	38.511 ng		97
70) Pentachlorophenol	17.12	266	141829	39.776 ng		96
71) Phenanthrene	17.52	178	932454	39.227 ng		99
72) Anthracene	17.62	178	925359	39.668 ng		97
73) Carbazole	17.89	167	922834	39.548 ng		99
74) Di-n-butylphthalate	18.42	149	1061771	40.904 ng		100
75) Fluoranthene	19.53	202	1048321	38.884 ng		98
77) Benzidine	19.71	184	511140	36.407 ng		100
78) Pyrene	19.89	202	1067204	39.538 ng		99
80) Butylbenzylphthalate	20.76	149	474590	42.963 ng		99
81) Benzo(a)anthracene	21.75	228	985002	40.332 ng		97
82) 3,3'-Dichlorobenzidine	21.66	252	390584	41.261 ng		97
83) Chrysene	21.81	228	936323	39.871 ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	663581	42.856 ng		99
85) Di-n-octyl phthalate	22.87	149	1100549	43.587 ng		99
86) Indeno(1,2,3-cd)pyrene	28.92	276	957735	38.024 ng		98
88) Benzo(b)fluoranthene	24.03	252	952190	39.907 ng		99
89) Benzo(k)fluoranthene	24.11	252	930610	39.809 ng		95
90) Benzo(a)pyrene	24.95	252	915550	40.381 ng		98
91) Dibenzo(a,h)anthracene	28.99	278	791693	37.854 ng		98
92) Benzo(g,h,i)perylene	30.13	276	801167	37.864 ng		97

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

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