Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083018\
Data File : BG036482.D
Acq On : 30 Aug 2018 17:31
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 30 18:07:21 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 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	62173	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	275961	20.00	ng		-0.01
38) Acenaphthene-d10	14.69	164	173557	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	456663	20.00	ng		0.00
75) Chrysene-d12	21.70	240	472952	20.00	ng		-0.01
86) Perylene-d12	24.91	264	501897	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	298329	76.12	ng		0.00
7) Phenol-d6	7.22	99	436497	77.78	ng		0.00
23) Nitrobenzene-d5	9.22	82	403544	79.34	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	171107	82.62	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	957667	78.79	ng		-0.01
78) Terphenyl-d14	20.04	244	1535936	75.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	67400	36.848	ng		95
3) Pyridine	3.93	79	191977	37.391	ng		99
4) n-Nitrosodimethylamine	3.85	42	80059	35.009	ng		98
6) Aniline	7.38	93	263392	36.978	ng		96
8) 2-Chlorophenol	7.62	128	161981	38.110	ng		97
9) Benzaldehyde	7.20	77	135928	35.175	ng		96
10) Phenol	7.24	94	225981	38.482	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	170566	36.637	ng		98
12) 1,3-Dichlorobenzene	7.95	146	185448	38.211	ng		98
13) 1,4-Dichlorobenzene	8.10	146	186167	37.993	ng		99
14) 1,2-Dichlorobenzene	8.42	146	176551	37.728	ng		96
15) Benzyl Alcohol	8.29	79	165971	36.689	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	311808	33.210	ng		99
17) 2-Methylphenol	8.50	107	148761	38.150	ng		99
18) Hexachloroethane	9.15	117	65803	37.456	ng		91
19) n-Nitroso-di-n-propylamine	8.87	70	145277	34.640	ng		96
20) 3+4-Methylphenols	8.82	107	209013	38.393	ng		98
22) Acetophenone	8.88	105	263035	36.298	ng	#	98
24) Nitrobenzene	9.27	77	203965	37.189	ng		94
25) Isophorone	9.79	82	352291	34.867	ng		99
26) 2-Nitrophenol	9.98	139	80361	36.975	ng		93
27) 2,4-Dimethylphenol	10.03	122	147620	36.687	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	222588	35.895	ng		97
29) 2,4-Dichlorophenol	10.51	162	175884	39.885	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	199081	38.591	ng		97
31) Naphthalene	10.92	128	512509	37.152	ng		99
32) Benzoic acid	10.16	122	102216	35.546	ng		96
33) 4-Chloroaniline	11.02	127	238143	37.672	ng		99
34) Hexachlorobutadiene	11.20	225	137491	39.668	ng		98
35) Caprolactam	11.80	113	62991	35.858	ng		94
36) 4-Chloro-3-methylphenol	12.14	107	196760	38.400	ng		98
37) 2-Methylnaphthalene	12.52	142	382201	37.865	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	238706	38.865	ng		98
40) Hexachlorocyclopentadiene	12.87	237	120532	37.717	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	151515	40.497 ng	97
43) 2,4,5-Trichlorophenol	13.19	196	162960	40.836 ng	98
45) 1,1'-Biphenyl	13.52	154	538156	37.355 ng	99
46) 2-Chloronaphthalene	13.56	162	417375	37.949 ng	100
47) 2-Nitroaniline	13.76	65	134151	38.843 ng	93
48) Acenaphthylene	14.41	152	647326	37.660 ng	99
49) Dimethylphthalate	14.14	163	529269	37.346 ng	99
50) 2,6-Dinitrotoluene	14.26	165	111625	38.278 ng	94
51) Acenaphthene	14.75	154	409879	37.234 ng	100
52) 3-Nitroaniline	14.59	138	130075	41.391 ng	99
53) 2,4-Dinitrophenol	14.79	184	41161	37.264 ng	95
54) Dibenzofuran	15.09	168	649876	37.682 ng	98
55) 4-Nitrophenol	14.88	139	99872	38.869 ng	95
56) 2,4-Dinitrotoluene	15.04	165	156062	41.062 ng	93
57) Fluorene	15.73	166	485426	37.651 ng	96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	154121	41.106 ng	96
59) Diethylphthalate	15.50	149	524659	36.735 ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	306600	38.512 ng	97
61) 4-Nitroaniline	15.75	138	136310	41.451 ng	96
62) Azobenzene	16.02	77	516959	35.574 ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	78054	38.910 ng	93
65) n-Nitrosodiphenylamine	15.94	169	485464	35.777 ng	97
66) 4-Bromophenyl-phenylether	16.62	248	200042	37.415 ng	99
67) Hexachlorobenzene	16.74	284	200144	36.609 ng	98
68) Atrazine	16.88	200	181354	35.608 ng	99
69) Pentachlorophenol	17.08	266	147375	39.664 ng	99
70) Phenanthrene	17.47	178	841526	36.266 ng	98
71) Anthracene	17.57	178	842802	36.437 ng	99
72) Carbazole	17.83	167	853526	36.949 ng	99
73) Di-n-butylphthalate	18.39	149	921635	35.828 ng	99
74) Fluoranthene	19.48	202	1050167	37.120 ng	99
76) Benzidine	19.65	184	547910	36.311 ng	99
77) Pyrene	19.84	202	1066329	36.664 ng	100
79) Butylbenzylphthalate	20.73	149	417937	36.108 ng	94
80) Benzo(a)anthracene	21.68	228	1051421	36.696 ng	100
81) 3,3'-Dichlorobenzidine	21.59	252	423943	37.126 ng	97
82) Chrysene	21.74	228	999003	36.784 ng	100
83) Bis(2-ethylhexyl)phthalate	21.59	149	582279	35.950 ng	99
84) Di-n-octyl phthalate	22.81	149	989259	36.567 ng	96
85) Indeno(1,2,3-cd)pyrene	28.56	276	1180268	37.416 ng	99
87) Benzo(b)fluoranthene	23.89	252	1020123	36.602 ng	97
88) Benzo(k)fluoranthene	23.96	252	1031876	37.897 ng	99
89) Benzo(a)pyrene	24.76	252	1001006	37.377 ng	99
90) Dibenzo(a,h)anthracene	28.64	278	969686	37.505 ng	98
91) Benzo(g,h,i)perylene	29.71	276	972538	37.431 ng	98

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

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