Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
Data File : BG036589.D
Acq On : 7 Sep 2018 9:53
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 07 11:03:47 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	66328	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	311997	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	210027	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	512689	20.00	ng		0.00
75) Chrysene-d12	21.69	240	503504	20.00	ng		0.00
86) Perylene-d12	24.90	264	520726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	322348	77.09	ng		0.00
7) Phenol-d6	7.21	99	488781	81.65	ng		0.00
23) Nitrobenzene-d5	9.22	82	477567	83.05	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	219726	87.68	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1135779	77.21	ng		0.00
78) Terphenyl-d14	20.03	244	1655139	76.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	64920	33.269	ng		97
3) Pyridine	3.93	79	198008	36.150	ng		99
4) n-Nitrosodimethylamine	3.84	42	84820	34.767	ng		99
6) Aniline	7.38	93	295840	38.932	ng		97
8) 2-Chlorophenol	7.62	128	177755	39.202	ng		96
9) Benzaldehyde	7.20	77	152525	36.998	ng		95
10) Phenol	7.24	94	250893	40.047	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	189302	38.114	ng		99
12) 1,3-Dichlorobenzene	7.95	146	199805	38.590	ng		99
13) 1,4-Dichlorobenzene	8.09	146	203841	38.994	ng		96
14) 1,2-Dichlorobenzene	8.41	146	195615	39.183	ng		98
15) Benzyl Alcohol	8.29	79	191349	39.649	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	349124	34.855	ng		97
17) 2-Methylphenol	8.49	107	166872	40.114	ng		98
18) Hexachloroethane	9.14	117	70398	37.561	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	170111	38.021	ng		94
20) 3+4-Methylphenols	8.82	107	239809	41.291	ng		98
22) Acetophenone	8.88	105	295491	36.067	ng	#	98
24) Nitrobenzene	9.26	77	243013	39.190	ng		95
25) Isophorone	9.78	82	416830	36.489	ng		98
26) 2-Nitrophenol	9.97	139	113708	46.276	ng		92
27) 2,4-Dimethylphenol	10.03	122	167668	36.857	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	252359	35.995	ng		96
29) 2,4-Dichlorophenol	10.50	162	207669	41.653	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	227298	38.971	ng		98
31) Naphthalene	10.91	128	586702	37.618	ng		99
32) Benzoic acid	10.16	122	116458	35.786	ng		96
33) 4-Chloroaniline	11.01	127	280259	39.214	ng		97
34) Hexachlorobutadiene	11.20	225	154221	39.355	ng		98
35) Caprolactam	11.80	113	77761	39.153	ng		96
36) 4-Chloro-3-methylphenol	12.13	107	235198	40.599	ng		97
37) 2-Methylnaphthalene	12.51	142	442909	38.811	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	285105	38.359	ng		98
40) Hexachlorocyclopentadiene	12.86	237	134561	34.796	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	188185	41.564	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	199885	41.391	ng		96
45) 1,1'-Biphenyl	13.52	154	641330	36.786	ng		99
46) 2-Chloronaphthalene	13.56	162	502436	37.751	ng		99
47) 2-Nitroaniline	13.76	65	176373	42.201	ng		96
48) Acenaphthylene	14.40	152	785184	37.749	ng		100
49) Dimethylphthalate	14.13	163	640068	37.322	ng		98
50) 2,6-Dinitrotoluene	14.25	165	145702	41.287	ng		92
51) Acenaphthene	14.74	154	495530	37.198	ng		99
52) 3-Nitroaniline	14.58	138	158197	41.599	ng		96
53) 2,4-Dinitrophenol	14.79	184	47424	35.479	ng		91
54) Dibenzofuran	15.08	168	795534	38.118	ng		99
55) 4-Nitrophenol	14.88	139	107806	34.671	ng		94
56) 2,4-Dinitrotoluene	15.04	165	203475	44.240	ng		88
57) Fluorene	15.73	166	583723	37.414	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	190544	41.996	ng		96
59) Diethylphthalate	15.50	149	635991	36.798	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	376290	39.058	ng		98
61) 4-Nitroaniline	15.74	138	159224	40.011	ng		92
62) Azobenzene	16.01	77	620482	35.284	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	103233	45.838	ng		93
65) n-Nitrosodiphenylamine	15.93	169	579807	38.061	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	244246	40.690	ng		98
67) Hexachlorobenzene	16.73	284	248461	40.480	ng		96
68) Atrazine	16.88	200	194294	33.980	ng		99
69) Pentachlorophenol	17.07	266	160859	38.562	ng		97
70) Phenanthrene	17.47	178	977327	37.516	ng		98
71) Anthracene	17.56	178	957804	36.883	ng		98
72) Carbazole	17.82	167	932168	35.943	ng		99
73) Di-n-butylphthalate	18.38	149	1028554	35.615	ng		99
74) Fluoranthene	19.47	202	1142280	35.964	ng		99
76) Benzidine	19.65	184	469093	29.201	ng		99
77) Pyrene	19.83	202	1157322	37.378	ng		98
79) Butylbenzylphthalate	20.72	149	468103	37.989	ng		93
80) Benzo(a)anthracene	21.67	228	1132251	37.119	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	447570	36.817	ng		99
82) Chrysene	21.74	228	1079781	37.346	ng		99
83) Bis(2-ethylhexyl)phthalate	21.58	149	633488	36.739	ng		98
84) Di-n-octyl phthalate	22.79	149	1079960	37.497	ng		97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1211252	36.069	ng	#	95
87) Benzo(b)fluoranthene	23.88	252	1105274	38.224	ng		97
88) Benzo(k)fluoranthene	23.95	252	1095507	38.780	ng		98
89) Benzo(a)pyrene	24.75	252	1058136	38.081	ng		98
90) Dibenzo(a,h)anthracene	28.62	278	982167	36.614	ng		98
91) Benzo(g,h,i)perylene	29.69	276	954689	35.416	ng		96

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

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