Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040655.D
Acq On : 29 Apr 2019 11:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 29 11:36:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	53950	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	245107	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	179066	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	445752	20.00	ng		0.00
76) Chrysene-d12	21.82	240	424960	20.00	ng		0.00
87) Perylene-d12	25.19	264	459504	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	259245	84.71	ng		0.00
7) Phenol-d6	7.29	99	402447	85.40	ng		0.00
23) Nitrobenzene-d5	9.33	82	457266	86.20	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	202301	82.19	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	977928	78.87	ng		0.00
79) Terphenyl-d14	20.12	244	1676051	87.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	58227	41.833	ng		92
3) Pyridine	3.96	79	173289	42.953	ng		98
4) n-Nitrosodimethylamine	3.88	42	90698	40.531	ng	#	90
6) Aniline	7.47	93	253486	40.584	ng		96
8) 2-Chlorophenol	7.71	128	149750	40.072	ng		92
9) Benzaldehyde	7.29	77	126983	47.158	ng		94
10) Phenol	7.32	94	214734	42.391	ng		91
11) bis(2-Chloroethyl)ether	7.57	93	156905	41.306	ng		96
12) 1,3-Dichlorobenzene	8.04	146	170328	41.758	ng		98
13) 1,4-Dichlorobenzene	8.19	146	170706	41.284	ng		97
14) 1,2-Dichlorobenzene	8.51	146	162036	40.634	ng		99
15) Benzyl Alcohol	8.39	79	197306	40.240	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	302596	40.012	ng		98
17) 2-Methylphenol	8.58	107	146359	40.827	ng		98
18) Hexachloroethane	9.24	117	68528	40.401	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	166752	39.310	ng		100
20) 3+4-Methylphenols	8.91	107	205296	41.109	ng		95
22) Acetophenone	8.98	105	275222	40.380	ng	#	98
24) Nitrobenzene	9.37	77	246823	43.610	ng		97
25) Isophorone	9.89	82	462165	39.113	ng		98
26) 2-Nitrophenol	10.08	139	91022	44.865	ng	#	88
27) 2,4-Dimethylphenol	10.12	122	150378	39.505	ng		99
28) bis(2-Chloroethoxy)methane	10.37	93	232864	39.280	ng		95
29) 2,4-Dichlorophenol	10.61	162	178097	41.154	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	200518	41.783	ng		99
31) Naphthalene	11.03	128	522903	40.156	ng		100
32) Benzoic acid	10.25	122	128691	49.385	ng		88
33) 4-Chloroaniline	11.13	127	230659	39.951	ng		99
34) Hexachlorobutadiene	11.29	225	149015	42.060	ng		99
35) Caprolactam	11.93	113	66437	38.885	ng		97
36) 4-Chloro-3-methylphenol	12.23	107	225202	41.252	ng		96
37) 2-Methylnaphthalene	12.62	142	393055	40.371	ng		98
38) 1-Methylnaphthalene	12.84	142	379878	39.918	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	263220	39.459	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	133699	33.966	ng		97
43) 2,4,6-Trichlorophenol	13.21	196	162765	40.377	ng		100
44) 2,4,5-Trichlorophenol	13.28	196	182620	41.587	ng		100
46) 1,1'-Biphenyl	13.62	154	532044	38.269	ng		96
47) 2-Chloronaphthalene	13.67	162	430179	39.538	ng		98
48) 2-Nitroaniline	13.87	65	175799	45.391	ng		98
49) Acenaphthylene	14.51	152	715931	38.784	ng		100
50) Dimethylphthalate	14.23	163	588825	39.302	ng		99
51) 2,6-Dinitrotoluene	14.36	165	128588	43.976	ng		98
52) Acenaphthene	14.85	154	413368	38.452	ng		96
53) 3-Nitroaniline	14.69	138	131627	43.934	ng	#	99
54) 2,4-Dinitrophenol	14.89	184	54919	37.396	ng	#	84
55) Dibenzofuran	15.18	168	688914	39.125	ng		98
56) 4-Nitrophenol	14.97	139	106198	40.879	ng		98
57) 2,4-Dinitrotoluene	15.14	165	184932	46.544	ng	#	97
58) Fluorene	15.83	166	552532	38.823	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	183897	41.606	ng		99
60) Diethylphthalate	15.59	149	607567	38.436	ng		100
61) 4-Chlorophenyl-phenylether	15.82	204	327328	39.545	ng		100
62) 4-Nitroaniline	15.85	138	140992	42.070	ng		98
63) Azobenzene	16.11	77	626686	38.496	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	89631	41.873	ng		91
66) n-Nitrosodiphenylamine	16.03	169	494232	37.686	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	216829	39.044	ng		99
68) Hexachlorobenzene	16.82	284	220054	38.322	ng		100
69) Atrazine	16.97	200	193831	37.304	ng		98
70) Pentachlorophenol	17.16	266	136429	40.601	ng		95
71) Phenanthrene	17.57	178	932750	38.849	ng		99
72) Anthracene	17.66	178	931864	38.613	ng		99
73) Carbazole	17.93	167	840448	38.224	ng		99
74) Di-n-butylphthalate	18.47	149	1003144	37.800	ng		99
75) Fluoranthene	19.57	202	1164439	38.919	ng		99
77) Benzidine	19.75	184	481605	41.391	ng		99
78) Pyrene	19.94	202	1162110	43.632	ng		99
80) Butylbenzylphthalate	20.81	149	455276	43.857	ng		98
81) Benzo(a)anthracene	21.80	228	1161207	43.235	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	396944	41.466	ng		99
83) Chrysene	21.87	228	1116238	43.701	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	619682	41.354	ng		96
85) Di-n-octyl phthalate	22.94	149	1059539	41.984	ng		100
86) Indeno(1,2,3-cd)pyrene	29.08	276	1311566	42.470	ng	#	97
88) Benzo(b)fluoranthene	24.12	252	1135577	40.441	ng		99
89) Benzo(k)fluoranthene	24.19	252	1057410	40.323	ng		98
90) Benzo(a)pyrene	25.04	252	1066863	40.138	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	1060110	39.413	ng		98
92) Benzo(g,h,i)perylene	30.32	276	1051041	39.262	ng		99

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

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