Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\
Data File : BG039510.D
Acq On : 14 Feb 2019 16:12
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 15 03:09:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	57505	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	269207	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	189615	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	434308	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	414723	20.00	ng		-0.01
87) Perylene-d12	25.22	264	423608	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	272948	81.24	ng		0.00
7) Phenol-d6	7.32	99	443569	89.69	ng		0.00
23) Nitrobenzene-d5	9.35	82	406471	94.32	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	181479	88.88	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	991404	75.01	ng		-0.01
79) Terphenyl-d14	20.13	244	1463063	74.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	51830	35.266	ng		94
3) Pyridine	4.01	79	153263	39.387	ng		91
4) n-Nitrosodimethylamine	3.93	42	69138	35.528	ng	#	81
6) Aniline	7.50	93	255106	41.180	ng		99
8) 2-Chlorophenol	7.73	128	164170	44.700	ng		98
9) Benzaldehyde	7.31	77	106936	44.783	ng		95
10) Phenol	7.35	94	233844	45.358	ng		95
11) bis(2-Chloroethyl)ether	7.59	93	165771	40.692	ng		98
12) 1,3-Dichlorobenzene	8.06	146	172041	38.668	ng		99
13) 1,4-Dichlorobenzene	8.21	146	176878	39.886	ng		97
14) 1,2-Dichlorobenzene	8.53	146	175017	40.768	ng		99
15) Benzyl Alcohol	8.41	79	168393	43.369	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	317509	34.513	ng		99
17) 2-Methylphenol	8.61	107	149819	44.906	ng		96
18) Hexachloroethane	9.26	117	60386	39.580	ng		96
19) n-Nitroso-di-n-propylamine	8.98	70	143026	40.745	ng		93
20) 3+4-Methylphenols	8.93	107	216196	47.058	ng		98
22) Acetophenone	9.00	105	279439	38.643	ng	#	96
24) Nitrobenzene	9.39	77	204493	43.926	ng		96
25) Isophorone	9.90	82	359940	37.693	ng		98
26) 2-Nitrophenol	10.10	139	107741	56.023	ng		96
27) 2,4-Dimethylphenol	10.14	122	164848	42.674	ng		97
28) bis(2-Chloroethoxy)methane	10.39	93	236569	40.220	ng		97
29) 2,4-Dichlorophenol	10.63	162	200068	47.388	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	194433	41.020	ng		100
31) Naphthalene	11.04	128	524072	39.241	ng		99
32) Benzoic acid	10.28	122	139320	53.747	ng		97
33) 4-Chloroaniline	11.16	127	259274	41.870	ng		97
34) Hexachlorobutadiene	11.31	225	126967	40.279	ng		95
35) Caprolactam	11.95	113	74649	42.728	ng		92
36) 4-Chloro-3-methylphenol	12.26	107	219828	45.022	ng		96
37) 2-Methylnaphthalene	12.64	142	393386	39.770	ng		97
38) 1-Methylnaphthalene	12.85	142	379420	39.792	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	242747	40.237	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	122240	37.184	ng		98
43) 2,4,6-Trichlorophenol	13.23	196	173155	46.680	ng		98
44) 2,4,5-Trichlorophenol	13.31	196	178214	45.840	ng		100
46) 1,1'-Biphenyl	13.63	154	593351	37.610	ng		98
47) 2-Chloronaphthalene	13.68	162	463339	39.040	ng		98
48) 2-Nitroaniline	13.89	65	158099	46.654	ng		96
49) Acenaphthylene	14.53	152	681887	38.077	ng		99
50) Dimethylphthalate	14.25	163	585698	38.246	ng		99
51) 2,6-Dinitrotoluene	14.37	165	135457	47.419	ng		93
52) Acenaphthene	14.86	154	437746	37.657	ng		99
53) 3-Nitroaniline	14.71	138	140047	45.668	ng	#	93
54) 2,4-Dinitrophenol	14.91	184	41335	42.632	ng		95
55) Dibenzofuran	15.19	168	714707	38.346	ng		99
56) 4-Nitrophenol	15.00	139	109310	42.412	ng		87
57) 2,4-Dinitrotoluene	15.16	165	182611	49.514	ng		86
58) Fluorene	15.84	166	524230	37.731	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	158257	43.475	ng		96
60) Diethylphthalate	15.60	149	589136	37.208	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	315826	40.145	ng		98
62) 4-Nitroaniline	15.87	138	140242	44.050	ng		94
63) Azobenzene	16.12	77	542488	35.054	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	83363	48.511	ng		96
66) n-Nitrosodiphenylamine	16.04	169	517817	39.211	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	200148	41.540	ng		94
68) Hexachlorobenzene	16.84	284	210590	43.564	ng		92
69) Atrazine	16.98	200	176234	36.518	ng		99
70) Pentachlorophenol	17.18	266	128538	38.258	ng		98
71) Phenanthrene	17.58	178	845673	37.621	ng		98
72) Anthracene	17.68	178	845654	38.193	ng		98
73) Carbazole	17.95	167	807148	36.528	ng		99
74) Di-n-butylphthalate	18.47	149	950745	36.881	ng		99
75) Fluoranthene	19.59	202	976888	37.442	ng		98
77) Benzidine	19.76	184	429930	31.620	ng		99
78) Pyrene	19.94	202	988939	38.305	ng		99
80) Butylbenzylphthalate	20.81	149	438383	40.252	ng		96
81) Benzo(a)anthracene	21.81	228	955327	38.984	ng		100
82) 3,3'-Dichlorobenzidine	21.72	252	375214	41.293	ng		98
83) Chrysene	21.88	228	914520	39.203	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	620707	39.949	ng		99
85) Di-n-octyl phthalate	22.95	149	1024008	39.893	ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1052813	42.064	ng		97
88) Benzo(b)fluoranthene	24.13	252	914146	39.570	ng		98
89) Benzo(k)fluoranthene	24.20	252	885052	38.159	ng		100
90) Benzo(a)pyrene	25.05	252	893370	40.154	ng		98
91) Dibenzo(a,h)anthracene	29.18	278	859384	41.245	ng		98
92) Benzo(g,h,i)perylene	30.35	276	863734	41.590	ng		98

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

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