Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043030.D
Acq On : 4 Oct 2019 16:22
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 04 16:58:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	71883	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	281994	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	199946	20.00	ng		-0.01
64) Phenanthrene-d10	17.43	188	469455	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	507704	20.00	ng		-0.02
87) Perylene-d12	24.91	264	599371	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	309024	76.72	ng		-0.02
7) Phenol-d6	7.23	99	441109	76.05	ng		-0.01
23) Nitrobenzene-d5	9.22	82	444954	76.69	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	286266	83.26	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	1109555	80.45	ng		-0.02
79) Terphenyl-d14	20.04	244	1958801	82.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	58654	34.927	ng		91
3) Pyridine	3.95	79	171670	36.345	ng		94
4) n-Nitrosodimethylamine	3.85	42	85362	37.581	ng		98
6) Aniline	7.39	93	265085	37.859	ng		99
8) 2-Chlorophenol	7.63	128	166756	39.698	ng		98
9) Benzaldehyde	7.20	77	124170	35.032	ng		91
10) Phenol	7.26	94	205229	38.564	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	153471	37.272	ng		94
12) 1,3-Dichlorobenzene	7.96	146	204115	38.091	ng		99
13) 1,4-Dichlorobenzene	8.10	146	208399	39.012	ng		98
14) 1,2-Dichlorobenzene	8.42	146	199009	39.131	ng		95
15) Benzyl Alcohol	8.30	79	165519	37.955	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	265609	33.589	ng		98
17) 2-Methylphenol	8.51	107	141074	37.886	ng		97
18) Hexachloroethane	9.15	117	75388	37.472	ng		98
19) n-Nitroso-di-n-propylamine	8.87	70	141715	37.208	ng		94
20) 3+4-Methylphenols	8.84	107	196804	38.567	ng		96
22) Acetophenone	8.88	105	291594	40.115	ng	#	96
24) Nitrobenzene	9.27	77	214264	38.718	ng		97
25) Isophorone	9.79	82	385933	37.870	ng		99
26) 2-Nitrophenol	9.98	139	98861	41.965	ng		98
27) 2,4-Dimethylphenol	10.04	122	139473	38.551	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	220728	38.175	ng		98
29) 2,4-Dichlorophenol	10.52	162	182525	40.566	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	230083	39.597	ng		95
31) Naphthalene	10.92	128	541453	39.005	ng		99
32) Benzoic acid	10.19	122	126263	45.365	ng		97
33) 4-Chloroaniline	11.02	127	239250	39.719	ng		95
34) Hexachlorobutadiene	11.20	225	171476	39.414	ng		98
35) Caprolactam	11.80	113	61252	38.602	ng	#	76
36) 4-Chloro-3-methylphenol	12.14	107	190280	38.894	ng		96
37) 2-Methylnaphthalene	12.51	142	413456	39.043	ng		98
38) 1-Methylnaphthalene	12.74	142	389005	38.821	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	302617	40.253	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	223284	46.614	ng		94
43) 2,4,6-Trichlorophenol	13.12	196	179086	40.699	ng		95
44) 2,4,5-Trichlorophenol	13.20	196	182697	40.305	ng		99
46) 1,1'-Biphenyl	13.52	154	600134	39.579	ng		96
47) 2-Chloronaphthalene	13.56	162	457643	40.256	ng		97
48) 2-Nitroaniline	13.76	65	144312	38.173	ng		93
49) Acenaphthylene	14.41	152	685902	39.430	ng		98
50) Dimethylphthalate	14.14	163	585350	39.072	ng		99
51) 2,6-Dinitrotoluene	14.25	165	127407	39.935	ng		94
52) Acenaphthene	14.75	154	428105	36.768	ng		98
53) 3-Nitroaniline	14.58	138	131648	39.929	ng	#	94
54) 2,4-Dinitrophenol	14.78	184	76382	38.517	ng		97
55) Dibenzofuran	15.08	168	666809	38.714	ng		99
56) 4-Nitrophenol	14.89	139	99296	39.526	ng		97
57) 2,4-Dinitrotoluene	15.04	165	181625	38.875	ng		99
58) Fluorene	15.73	166	566992	38.558	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	187718	38.894	ng		99
60) Diethylphthalate	15.50	149	584953	38.367	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	340746	38.637	ng		98
62) 4-Nitroaniline	15.75	138	136769	38.035	ng		96
63) Azobenzene	16.01	77	504585	36.351	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	103851	39.093	ng		90
66) n-Nitrosodiphenylamine	15.93	169	506222	40.848	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	240349	40.792	ng		95
68) Hexachlorobenzene	16.73	284	269693	41.109	ng		96
69) Atrazine	16.88	200	197998	37.941	ng		96
70) Pentachlorophenol	17.08	266	155655	41.118	ng		99
71) Phenanthrene	17.47	178	896756	39.127	ng		97
72) Anthracene	17.56	178	887915	38.807	ng		100
73) Carbazole	17.83	167	819093	38.605	ng		100
74) Di-n-butylphthalate	18.38	149	985091	38.914	ng		99
75) Fluoranthene	19.47	202	1167530	38.514	ng		100
77) Benzidine	19.65	184	504351	39.674	ng		98
78) Pyrene	19.84	202	1170549	38.628	ng		99
80) Butylbenzylphthalate	20.72	149	465222	40.446	ng		96
81) Benzo(a)anthracene	21.67	228	1240788	39.222	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	512160	41.278	ng		99
83) Chrysene	21.75	228	1200634	39.110	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	655216	40.033	ng		96
85) Di-n-octyl phthalate	22.80	149	1099202	41.071	ng		98
86) Indeno(1,2,3-cd)pyrene	28.58	276	1574604	41.201	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	1304074	38.452	ng		99
89) Benzo(k)fluoranthene	23.97	252	1303653	38.857	ng		98
90) Benzo(a)pyrene	24.77	252	1257322	39.296	ng		99
91) Dibenzo(a,h)anthracene	28.64	278	1309431	39.910	ng		98
92) Benzo(g,h,i)perylene	29.73	276	1257488	39.556	ng		99

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

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