Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039751.D
Acq On : 5 Mar 2019 4:39
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 05 05:35:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	47830	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	229547	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	152272	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	358634	20.00	ng		0.00
76) Chrysene-d12	21.82	240	356285	20.00	ng		0.00
87) Perylene-d12	25.19	264	369981	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	236673	84.42	ng		-0.01
7) Phenol-d6	7.30	99	353697	84.61	ng		-0.01
23) Nitrobenzene-d5	9.34	82	348220	82.04	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	147898	83.33	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	846647	79.17	ng		0.00
79) Terphenyl-d14	20.12	244	1258616	77.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	52565	40.611	ng		93
3) Pyridine	3.99	79	152514	44.013	ng		95
4) n-Nitrosodimethylamine	3.92	42	71773	43.661	ng		81
6) Aniline	7.48	93	229502	41.904	ng		99
8) 2-Chlorophenol	7.72	128	139563	41.032	ng		96
9) Benzaldehyde	7.30	77	114194	42.348	ng		98
10) Phenol	7.33	94	190564	42.079	ng		96
11) bis(2-Chloroethyl)ether	7.58	93	145504	41.209	ng		97
12) 1,3-Dichlorobenzene	8.05	146	157273	40.884	ng		97
13) 1,4-Dichlorobenzene	8.19	146	159008	40.581	ng		99
14) 1,2-Dichlorobenzene	8.52	146	152176	40.196	ng		97
15) Benzyl Alcohol	8.39	79	140483	42.364	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	289733	41.028	ng		99
17) 2-Methylphenol	8.59	107	122533	42.433	ng		94
18) Hexachloroethane	9.24	117	57551	40.934	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	125823	41.817	ng		91
20) 3+4-Methylphenols	8.92	107	170304	42.453	ng		96
22) Acetophenone	8.99	105	244810	39.736	ng	#	94
24) Nitrobenzene	9.38	77	182993	41.099	ng		99
25) Isophorone	9.89	82	359113	40.381	ng		99
26) 2-Nitrophenol	10.08	139	89407	41.589	ng		96
27) 2,4-Dimethylphenol	10.13	122	137323	41.072	ng		97
28) bis(2-Chloroethoxy)methane	10.37	93	212698	39.357	ng		98
29) 2,4-Dichlorophenol	10.62	162	156535	41.583	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	168181	39.703	ng		98
31) Naphthalene	11.03	128	479321	39.439	ng		99
32) Benzoic acid	10.27	122	87528	39.485	ng		96
33) 4-Chloroaniline	11.14	127	207820	40.325	ng		98
34) Hexachlorobutadiene	11.29	225	111415	38.491	ng		96
35) Caprolactam	11.93	113	58662	40.795	ng		92
36) 4-Chloro-3-methylphenol	12.24	107	175877	40.758	ng		97
37) 2-Methylnaphthalene	12.62	142	363176	39.969	ng		97
38) 1-Methylnaphthalene	12.84	142	350858	39.734	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	207838	40.290	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	116268	42.057	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	129479	42.872	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	140996	41.418	ng		98
46) 1,1'-Biphenyl	13.62	154	504153	40.254	ng		99
47) 2-Chloronaphthalene	13.67	162	382391	40.586	ng		99
48) 2-Nitroaniline	13.87	65	130839	43.211	ng		96
49) Acenaphthylene	14.51	152	627125	40.546	ng		100
50) Dimethylphthalate	14.23	163	509568	40.020	ng		100
51) 2,6-Dinitrotoluene	14.36	165	113424	42.020	ng		98
52) Acenaphthene	14.85	154	373064	40.075	ng		99
53) 3-Nitroaniline	14.69	138	115706	42.643	ng	#	95
54) 2,4-Dinitrophenol	14.89	184	61736	39.140	ng		98
55) Dibenzofuran	15.18	168	605585	39.650	ng		98
56) 4-Nitrophenol	14.98	139	99803	41.117	ng		91
57) 2,4-Dinitrotoluene	15.15	165	162352	42.805	ng	#	85
58) Fluorene	15.83	166	486310	40.502	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	141986	42.707	ng		97
60) Diethylphthalate	15.58	149	500531	39.710	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	255409	39.863	ng		95
62) 4-Nitroaniline	15.86	138	122295	41.574	ng		94
63) Azobenzene	16.10	77	458000	40.085	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	91350	43.080	ng		97
66) n-Nitrosodiphenylamine	16.03	169	431079	41.520	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	167789	41.798	ng		95
68) Hexachlorobenzene	16.82	284	172838	41.537	ng		97
69) Atrazine	16.97	200	170535	41.735	ng		98
70) Pentachlorophenol	17.17	266	112897	42.960	ng		98
71) Phenanthrene	17.57	178	795174	40.254	ng		100
72) Anthracene	17.66	178	790152	41.047	ng		98
73) Carbazole	17.93	167	702855	40.501	ng		98
74) Di-n-butylphthalate	18.46	149	833799	40.836	ng		98
75) Fluoranthene	19.57	202	931763	39.912	ng		99
77) Benzidine	19.75	184	487630	43.130	ng		98
78) Pyrene	19.93	202	934352	40.358	ng		99
80) Butylbenzylphthalate	20.80	149	381360	42.517	ng		93
81) Benzo(a)anthracene	21.80	228	900448	40.326	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	339800	41.681	ng		100
83) Chrysene	21.87	228	855719	39.529	ng		100
84) Bis(2-ethylhexyl)phthalate	21.66	149	531184	42.143	ng		99
85) Di-n-octyl phthalate	22.92	149	893452	42.810	ng		96
86) Indeno(1,2,3-cd)pyrene	29.07	276	1016531	41.393	ng	#	93
88) Benzo(b)fluoranthene	24.11	252	904666	41.004	ng		98
89) Benzo(k)fluoranthene	24.18	252	820354	39.945	ng		99
90) Benzo(a)pyrene	25.03	252	839457	41.176	ng		99
91) Dibenzo(a,h)anthracene	29.14	278	809651	40.509	ng		98
92) Benzo(g,h,i)perylene	30.30	276	827443	41.221	ng		96

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

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