Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042569.D
Acq On : 29 Aug 2019 17:36
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Jagrut
8/30/2019 7:57:53 PM

Quant Time: Aug 29 18:42:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37161	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	151496	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	112942	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	259256	20.00	ng		0.00
76) Chrysene-d12	21.69	240	264189	20.00	ng		0.00
87) Perylene-d12	24.94	264	321326	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	146266	79.72	ng		0.00
7) Phenol-d6	7.17	99	192872	77.82	ng		0.00
23) Nitrobenzene-d5	9.17	82	181601	82.84	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	131293	81.79	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	575653	86.20	ng		0.00
79) Terphenyl-d14	20.03	244	1023660	83.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	29259	38.211	ng		98
3) Pyridine	3.82	79	75023	38.209	ng		98
4) n-Nitrosodimethylamine	3.74	42	28952	41.284	ng		98
6) Aniline	7.32	93	127374	38.531	ng		100
8) 2-Chlorophenol	7.57	128	88504	39.800	ng		99
9) Benzaldehyde	7.13	77	50436	40.647	ng		95
10) Phenol	7.19	94	98103	38.930	ng		93
11) bis(2-Chloroethyl)ether	7.41	93	78090	39.458	ng		98
12) 1,3-Dichlorobenzene	7.89	146	114741	40.561	ng		98
13) 1,4-Dichlorobenzene	8.04	146	114988	40.130	ng		99
14) 1,2-Dichlorobenzene	8.36	146	109980	40.079	ng		99
15) Benzyl Alcohol	8.24	79	72633	40.734	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	101649	37.895	ng		98
17) 2-Methylphenol	8.45	107	72951	39.304	ng		96
18) Hexachloroethane	9.09	117	39533	40.301	ng		99
19) n-Nitroso-di-n-propylamine	8.81	70	62492	38.919	ng		93
20) 3+4-Methylphenols	8.78	107	98994	38.544	ng		96
22) Acetophenone	8.83	105	132996	41.045	ng	#	98
24) Nitrobenzene	9.21	77	89173	40.168	ng		99
25) Isophorone	9.73	82	170973	39.517	ng		98
26) 2-Nitrophenol	9.93	139	56720	40.771	ng		97
27) 2,4-Dimethylphenol	9.99	122	77169	40.268	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	108572	39.815	ng		98
29) 2,4-Dichlorophenol	10.47	162	105602	42.118	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	129460	42.066	ng		98
31) Naphthalene	10.87	128	285412	40.579	ng		99
32) Benzoic acid	10.15	122	54476	40.672	ng		100
33) 4-Chloroaniline	10.98	127	130747	40.268	ng		97
34) Hexachlorobutadiene	11.16	225	90402	43.708	ng		100
35) Caprolactam	11.76	113	31837	38.054	ng		93
36) 4-Chloro-3-methylphenol	12.11	107	93635	39.340	ng		98
37) 2-Methylnaphthalene	12.48	142	231380	40.969	ng		98
38) 1-Methylnaphthalene	12.70	142	217250	40.498	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	156832	43.240	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	66441	34.873	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	101544	41.420	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	105125	41.379	ng		96
46) 1,1'-Biphenyl	13.49	154	295922	40.534	ng		98
47) 2-Chloronaphthalene	13.54	162	256474	40.742	ng		99
48) 2-Nitroaniline	13.74	65	59794	39.390	ng		96
49) Acenaphthylene	14.38	152	385090	40.661	ng		100
50) Dimethylphthalate	14.11	163	335523	41.173	ng		99
51) 2,6-Dinitrotoluene	14.23	165	76102	40.289	ng		98
52) Acenaphthene	14.72	154	229117	39.841	ng		99
53) 3-Nitroaniline	14.56	138	72834	38.555	ng		98
54) 2,4-Dinitrophenol	14.79	184	43837	37.994	ng		97
55) Dibenzofuran	15.06	168	391145	41.090	ng		99
56) 4-Nitrophenol	14.89	139	52245	38.921	ng		92
57) 2,4-Dinitrotoluene	15.03	165	108388	40.071	ng		96
58) Fluorene	15.71	166	314498	40.416	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	103950	41.375	ng	#	93
60) Diethylphthalate	15.47	149	320835	40.274	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	193678	41.289	ng		99
62) 4-Nitroaniline	15.73	138	80549	39.840	ng		94
63) Azobenzene	15.99	77	210010	38.473	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	64957	39.963	ng		99
66) n-Nitrosodiphenylamine	15.92	169	288667	40.488	ng		100
67) 4-Bromophenyl-phenylether	16.60	248	137005	41.662	ng		98
68) Hexachlorobenzene	16.73	284	146474	40.974	ng		96
69) Atrazine	16.86	200	90728	35.985	ng		99
70) Pentachlorophenol	17.07	266	76245	41.049	ng		98
71) Phenanthrene	17.45	178	532021	41.313	ng		99
72) Anthracene	17.55	178	533955	41.534	ng		100
73) Carbazole	17.82	167	465925	40.665	ng		100
74) Di-n-butylphthalate	18.37	149	562969	41.566	ng		99
75) Fluoranthene	19.47	202	671977	42.757	ng		97
77) Benzidine	19.65	184	252740	33.368	ng		99
78) Pyrene	19.83	202	675010	41.674	ng		99
80) Butylbenzylphthalate	20.71	149	248987	39.083	ng		100
81) Benzo(a)anthracene	21.67	228	669673	41.669	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	255881	39.588	ng		99
83) Chrysene	21.74	228	642302	41.441	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	348757	39.428	ng		98
85) Di-n-octyl phthalate	22.79	149	605710	39.814	ng		100
86) Indeno(1,2,3-cd)pyrene	28.67	276	856006	40.640	ng	#	97
88) Benzo(b)fluoranthene	23.91	252	720905	40.809	ng		98
89) Benzo(k)fluoranthene	23.98	252	723815m	42.627	ng		
90) Benzo(a)pyrene	24.79	252	695614	41.497	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	698845	41.175	ng		97
92) Benzo(g,h,i)perylene	29.83	276	690436	40.673	ng		99

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

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