Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052919\
Data File : BG040939.D
Acq On : 29 May 2019 16:09
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: May 29 16:54:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 16:09:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	48574	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	219802	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	167914	20.00	ng		0.00
64) Phenanthrene-d10	17.51	188	427650	20.00	ng		0.00
76) Chrysene-d12	21.78	240	416782	20.00	ng		0.00
87) Perylene-d12	25.13	264	455155	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	274715	99.69	ng		0.00
7) Phenol-d6	7.27	99	429078	101.13	ng		0.00
23) Nitrobenzene-d5	9.31	82	495400	104.14	ng		0.00
42) 2,4,6-Tribromophenol	16.25	330	254943	110.46	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	1168969	100.54	ng		0.00
79) Terphenyl-d14	20.10	244	1990144	105.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	60650	48.397	ng		94
3) Pyridine	3.94	79	188710	51.952	ng		96
4) n-Nitrosodimethylamine	3.86	42	87227	43.294	ng		96
6) Aniline	7.45	93	285047	50.688	ng		98
8) 2-Chlorophenol	7.69	128	164591	48.918	ng		96
9) Benzaldehyde	7.27	77	125616	47.751	ng		90
10) Phenol	7.30	94	232192	50.911	ng		97
11) bis(2-Chloroethyl)ether	7.55	93	169751	49.634	ng		96
12) 1,3-Dichlorobenzene	8.02	146	197097	53.669	ng		99
13) 1,4-Dichlorobenzene	8.16	146	198523	53.325	ng		96
14) 1,2-Dichlorobenzene	8.49	146	193765	53.969	ng		99
15) Benzyl Alcohol	8.36	79	199613	45.216	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	275568	40.471	ng		97
17) 2-Methylphenol	8.56	107	165173	51.175	ng		97
18) Hexachloroethane	9.22	117	76823	50.304	ng		98
19) n-Nitroso-di-n-propylamine	8.93	70	168948	44.236	ng		95
20) 3+4-Methylphenols	8.89	107	228651	50.853	ng		97
22) Acetophenone	8.96	105	305735	50.021	ng	#	99
24) Nitrobenzene	9.35	77	253759	49.997	ng		99
25) Isophorone	9.86	82	475405	44.866	ng		99
26) 2-Nitrophenol	10.06	139	105315	57.887	ng		92
27) 2,4-Dimethylphenol	10.10	122	170787	50.032	ng		94
28) bis(2-Chloroethoxy)methane	10.34	93	254531	47.877	ng		98
29) 2,4-Dichlorophenol	10.59	162	216331	55.745	ng		96
30) 1,2,4-Trichlorobenzene	10.81	180	245387	57.020	ng		95
31) Naphthalene	11.00	128	582564	49.888	ng		98
32) Benzoic acid	10.23	122	131605	56.318	ng		98
33) 4-Chloroaniline	11.11	127	274605	53.038	ng		98
34) Hexachlorobutadiene	11.27	225	188704	59.394	ng		97
35) Caprolactam	11.91	113	71881	46.915	ng	#	75
36) 4-Chloro-3-methylphenol	12.21	107	253180	51.716	ng		98
37) 2-Methylnaphthalene	12.59	142	454100	52.011	ng		99
38) 1-Methylnaphthalene	12.82	142	425932	49.910	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	338288	54.081	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	161205	43.674	ng		97
43) 2,4,6-Trichlorophenol	13.19	196	217302	57.486	ng		95
44) 2,4,5-Trichlorophenol	13.26	196	230736	56.033	ng		98
46) 1,1'-Biphenyl	13.59	154	622042	47.714	ng		99
47) 2-Chloronaphthalene	13.65	162	534116	52.351	ng		98
48) 2-Nitroaniline	13.85	65	196457	54.094	ng		96
49) Acenaphthylene	14.49	152	804462	46.474	ng		99
50) Dimethylphthalate	14.21	163	722639	51.437	ng		98
51) 2,6-Dinitrotoluene	14.33	165	155633	56.760	ng		97
52) Acenaphthene	14.83	154	486467	48.257	ng		97
53) 3-Nitroaniline	14.67	138	154990	55.168	ng		98
54) 2,4-Dinitrophenol	14.87	184	66569	49.259	ng		94
55) Dibenzofuran	15.16	168	815322	49.379	ng		99
56) 4-Nitrophenol	14.96	139	110183	45.230	ng		97
57) 2,4-Dinitrotoluene	15.12	165	220757	59.250	ng	#	96
58) Fluorene	15.80	166	658999	49.380	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	231673	55.897	ng		98
60) Diethylphthalate	15.56	149	742394	50.084	ng		98
61) 4-Chlorophenyl-phenylether	15.79	204	425685	54.843	ng		98
62) 4-Nitroaniline	15.84	138	164403	52.313	ng		94
63) Azobenzene	16.08	77	663682	43.476	ng		98
65) 4,6-Dinitro-2-methylphenol	15.88	198	112275	57.046	ng		98
66) n-Nitrosodiphenylamine	16.01	169	602541	47.889	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	286622	53.796	ng		97
68) Hexachlorobenzene	16.80	284	306152	55.572	ng		97
69) Atrazine	16.95	200	231887	46.518	ng		94
70) Pentachlorophenol	17.14	266	161096	49.972	ng		95
71) Phenanthrene	17.55	178	1110950	48.230	ng		98
72) Anthracene	17.64	178	1099786	47.500	ng		99
73) Carbazole	17.91	167	932255	44.194	ng		99
74) Di-n-butylphthalate	18.44	149	1188681	46.687	ng		98
75) Fluoranthene	19.54	202	1379908	48.073	ng		98
77) Benzidine	19.73	184	477002	41.799	ng		99
78) Pyrene	19.91	202	1367462	52.349	ng		98
80) Butylbenzylphthalate	20.78	149	537323	52.776	ng		97
81) Benzo(a)anthracene	21.77	228	1390808	52.800	ng		99
82) 3,3'-Dichlorobenzidine	21.68	252	484804	51.638	ng		99
83) Chrysene	21.84	228	1321294	52.744	ng		96
84) Bis(2-ethylhexyl)phthalate	21.64	149	751497	51.134	ng		98
85) Di-n-octyl phthalate	22.88	149	1260407	50.923	ng		100
86) Indeno(1,2,3-cd)pyrene	28.97	276	1651588	54.530	ng	#	99
88) Benzo(b)fluoranthene	24.06	252	1378082	49.547	ng		98
89) Benzo(k)fluoranthene	24.13	252	1377744	53.040	ng		99
90) Benzo(a)pyrene	24.97	252	1311971	49.832	ng		96
91) Dibenzo(a,h)anthracene	29.05	278	1309925	49.165	ng		99
92) Benzo(g,h,i)perylene	30.19	276	1275893	48.117	ng		97

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

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