Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
Data File : BG042325.D
Acq On : 19 Aug 2019 12:24
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Aug 19 13:47:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 11:30:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60258	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	255161	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	184686	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	404387	20.00	ng		0.00
76) Chrysene-d12	21.70	240	389526	20.00	ng		0.00
87) Perylene-d12	24.94	264	481382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	468471	151.26	ng		0.00
7) Phenol-d6	7.17	99	636027	152.33	ng		0.00
23) Nitrobenzene-d5	9.18	82	573059	154.55	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	397718	189.59	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1620766	154.78	ng		0.00
79) Terphenyl-d14	20.03	244	2334282	137.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	98581	67.627	ng		100
3) Pyridine	3.83	79	271528	67.926	ng		97
4) n-Nitrosodimethylamine	3.74	42	91992	58.052	ng		100
6) Aniline	7.33	93	420241	71.477	ng		98
8) 2-Chlorophenol	7.57	128	282097	79.543	ng		98
10) Phenol	7.20	94	323792	74.540	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	257644	72.147	ng		99
12) 1,3-Dichlorobenzene	7.90	146	360395	77.861	ng		99
13) 1,4-Dichlorobenzene	8.04	146	363560	78.497	ng		99
14) 1,2-Dichlorobenzene	8.37	146	345552	78.190	ng		98
15) Benzyl Alcohol	8.25	79	229546	69.879	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	347091	54.631	ng		98
17) 2-Methylphenol	8.46	107	237103	75.054	ng		97
18) Hexachloroethane	9.10	117	126351	79.664	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	203747	67.213	ng		98
20) 3+4-Methylphenols	8.79	107	333617	77.171	ng		99
22) Acetophenone	8.84	105	421243	73.807	ng	#	97
24) Nitrobenzene	9.22	77	288344	73.816	ng		99
25) Isophorone	9.75	82	567653	70.377	ng		99
26) 2-Nitrophenol	9.94	139	185875	102.527	ng		99
27) 2,4-Dimethylphenol	9.99	122	253749	79.304	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	360763	71.574	ng		99
29) 2,4-Dichlorophenol	10.48	162	334252	85.782	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	403634	81.688	ng		100
31) Naphthalene	10.88	128	910807	77.993	ng		97
32) Benzoic acid	10.19	122	194853	98.726	ng		99
33) 4-Chloroaniline	10.99	127	428157	77.312	ng		98
34) Hexachlorobutadiene	11.17	225	274254	82.238	ng		98
35) Caprolactam	11.79	113	107034	79.041	ng		98
36) 4-Chloro-3-methylphenol	12.12	107	310135	80.282	ng		98
37) 2-Methylnaphthalene	12.49	142	731881	79.177	ng		98
38) 1-Methylnaphthalene	12.71	142	688588	78.607	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	462827	79.169	ng		100
41) Hexachlorocyclopentadiene	12.84	237	269631	82.034	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.10	196	319629	86.504	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	328974	85.676	ng		98
46) 1,1'-Biphenyl	13.50	154	926045	78.002	ng		96
47) 2-Chloronaphthalene	13.54	162	792523	78.407	ng		99
48) 2-Nitroaniline	13.74	65	197234	76.937	ng		96
49) Acenaphthylene	14.39	152	1167990	77.249	ng		98
50) Dimethylphthalate	14.13	163	995039	78.889	ng		98
51) 2,6-Dinitrotoluene	14.24	165	241326	91.500	ng		99
52) Acenaphthene	14.74	154	725249	73.751	ng		98
53) 3-Nitroaniline	14.57	138	242151	85.820	ng		99
54) 2,4-Dinitrophenol	14.78	184	158553	125.885	ng		100
55) Dibenzofuran	15.07	168	1155462	76.819	ng		97
56) 4-Nitrophenol	14.89	139	182512	85.215	ng		96
57) 2,4-Dinitrotoluene	15.04	165	337768	93.124	ng		99
58) Fluorene	15.72	166	937835	77.695	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	313177	82.351	ng		99
60) Diethylphthalate	15.48	149	964791	77.911	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	573438	77.817	ng		99
62) 4-Nitroaniline	15.74	138	252627	82.661	ng		97
63) Azobenzene	16.00	77	680965	67.318	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	211048	118.999	ng		99
66) n-Nitrosodiphenylamine	15.92	169	871988	79.162	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	403326	80.969	ng		99
68) Hexachlorobenzene	16.73	284	430565	82.622	ng		96
69) Atrazine	16.88	200	270113	62.411	ng		97
70) Pentachlorophenol	17.07	266	251264	84.874	ng		99
71) Phenanthrene	17.46	178	1505286	77.658	ng		97
72) Anthracene	17.56	178	1507432	77.977	ng		97
73) Carbazole	17.82	167	1341448	77.312	ng		97
74) Di-n-butylphthalate	18.38	149	1545520	78.570	ng		97
75) Fluoranthene	19.47	202	1766203	74.963	ng		95
77) Benzidine	19.65	184	775816	61.020	ng		96
78) Pyrene	19.84	202	1751093	75.874	ng		95
80) Butylbenzylphthalate	20.72	149	738492	83.460	ng		98
81) Benzo(a)anthracene	21.68	228	1795566	77.912	ng		94
82) 3,3'-Dichlorobenzidine	21.59	252	739371	79.907	ng		98
83) Chrysene	21.75	228	1722804	77.986	ng		96
84) Bis(2-ethylhexyl)phthalate	21.58	149	1026303	84.084	ng		97
85) Di-n-octyl phthalate	22.80	149	1768943	86.115	ng		99
86) Indeno(1,2,3-cd)pyrene	28.67	276	2457240	84.026	ng	#	94
88) Benzo(b)fluoranthene	23.92	252	1994434	75.737	ng		98
89) Benzo(k)fluoranthene	23.99	252	1950468	76.037	ng		97
90) Benzo(a)pyrene	24.80	252	1940718	76.842	ng		97
91) Dibenzo(a,h)anthracene	28.73	278	1957950	78.953	ng		99
92) Benzo(g,h,i)perylene	29.84	276	1981851	79.990	ng		100

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

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