Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
Data File : BG039312.D
Acq On : 29 Jan 2019 10:55
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC025

Quant Time: Jan 29 12:33:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 12:14:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	40809	20.00	ng		0.00
21) Naphthalene-d8	11.01	136	173612	20.00	ng		0.00
39) Acenaphthene-d10	14.81	164	115179	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	283347	20.00	ng		0.00
76) Chrysene-d12	21.85	240	289749	20.00	ng		0.00
87) Perylene-d12	25.25	264	292580	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	120895	56.20	ng		0.00
7) Phenol-d6	7.32	99	180563	58.32	ng		0.00
23) Nitrobenzene-d5	9.36	82	129904	40.94	ng		0.00
42) 2,4,6-Tribromophenol	16.30	330	62551	32.40	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	420047	49.91	ng		0.00
79) Terphenyl-d14	20.15	244	725538	46.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	26278	31.193	ng		98
3) Pyridine	4.02	79	75373	32.927	ng		97
4) n-Nitrosodimethylamine	3.94	42	34014	33.021	ng	#	97
6) Aniline	7.51	93	112287	30.200	ng		98
8) 2-Chlorophenol	7.74	128	66769	26.330	ng		96
9) Benzaldehyde	7.32	77	52594	29.457	ng		93
10) Phenol	7.34	94	94708	30.512	ng		99
11) bis(2-Chloroethyl)ether	7.60	93	74539	31.421	ng		97
12) 1,3-Dichlorobenzene	8.07	146	79486	26.161	ng		99
13) 1,4-Dichlorobenzene	8.22	146	79364	25.792	ng		97
14) 1,2-Dichlorobenzene	8.54	146	76495	26.073	ng		99
15) Benzyl Alcohol	8.42	79	70223	30.119	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.71	45	166803	36.669	ng		99
17) 2-Methylphenol	8.61	107	60665	28.147	ng		97
18) Hexachloroethane	9.28	117	28120	26.899	ng		96
19) n-Nitroso-di-n-propylamine	8.99	70	64067	31.513	ng		95
20) 3+4-Methylphenols	8.93	107	83402	27.141	ng		97
22) Acetophenone	9.02	105	120266	26.526	ng		99
24) Nitrobenzene	9.40	77	72267	22.535	ng		95
25) Isophorone	9.92	82	159646	29.211	ng		98
26) 2-Nitrophenol	10.12	139	22515	12.980	ng		96
27) 2,4-Dimethylphenol	10.15	122	63328	25.950	ng		91
28) bis(2-Chloroethoxy)methane	10.40	93	99498	30.292	ng		100
29) 2,4-Dichlorophenol	10.64	162	71719	23.656	ng		92
30) 1,2,4-Trichlorobenzene	10.86	180	78529	21.558	ng		97
31) Naphthalene	11.06	128	223774	25.699	ng		97
32) Benzoic acid	10.24	122	28866	22.330	ng		94
33) 4-Chloroaniline	11.17	127	103960	26.682	ng		99
34) Hexachlorobutadiene	11.33	225	51299	20.466	ng		93
35) Caprolactam	11.94	113	29551	24.307	ng		98
36) 4-Chloro-3-methylphenol	12.26	107	83543	25.764	ng		96
37) 2-Methylnaphthalene	12.65	142	162194	24.845	ng		98
38) 1-Methylnaphthalene	12.87	142	158991	25.373	ng		97
40) 1,2,4,5-Tetrachlorobenzene	13.01	216	93005	21.501	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	49570	23.309 ng		91
43) 2,4,6-Trichlorophenol	13.25	196	57709	21.197 ng		94
44) 2,4,5-Trichlorophenol	13.31	196	61989	21.543 ng	#	95
46) 1,1'-Biphenyl	13.65	154	243608	26.692 ng		98
47) 2-Chloronaphthalene	13.69	162	181133	24.526 ng		95
48) 2-Nitroaniline	13.89	65	38958	18.829 ng		93
49) Acenaphthylene	14.54	152	286458	25.805 ng		98
50) Dimethylphthalate	14.26	163	244470	25.117 ng		99
51) 2,6-Dinitrotoluene	14.39	165	35875	16.486 ng		99
52) Acenaphthene	14.87	154	183673	27.539 ng		98
53) 3-Nitroaniline	14.71	138	39830	18.043 ng		96
54) 2,4-Dinitrophenol	14.91	184	12392	11.019 ng	#	80
55) Dibenzofuran	15.21	168	292268	24.812 ng		99
56) 4-Nitrophenol	14.99	139	34256	21.567 ng		95
57) 2,4-Dinitrotoluene	15.16	165	44489	14.250 ng	#	98
58) Fluorene	15.85	166	220450	24.863 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.42	232	59491	21.903 ng		100
60) Diethylphthalate	15.61	149	252478	25.177 ng		100
61) 4-Chlorophenyl-phenylether	15.84	204	122786	21.981 ng		98
62) 4-Nitroaniline	15.88	138	45594	19.827 ng		94
63) Azobenzene	16.14	77	245879	31.353 ng		99
65) 4,6-Dinitro-2-methylphenol	15.92	198	20532	9.781 ng		92
66) n-Nitrosodiphenylamine	16.05	169	220351	26.233 ng		97
67) 4-Bromophenyl-phenylether	16.74	248	79250	21.758 ng		99
68) Hexachlorobenzene	16.84	284	81186	20.427 ng		98
69) Atrazine	16.99	200	87620	24.555 ng		94
70) Pentachlorophenol	17.19	266	53231	25.033 ng		96
71) Phenanthrene	17.60	178	379197	25.319 ng		99
72) Anthracene	17.69	178	376673	25.437 ng		99
73) Carbazole	17.96	167	381102	26.070 ng		99
74) Di-n-butylphthalate	18.50	149	447752	27.533 ng		99
75) Fluoranthene	19.60	202	451646	24.326 ng		99
77) Benzidine	19.78	184	222081	25.059 ng		99
78) Pyrene	19.96	202	467816	25.335 ng		98
80) Butylbenzylphthalate	20.84	149	196333	27.956 ng		99
81) Benzo(a)anthracene	21.83	228	442493	25.087 ng		98
82) 3,3'-Dichlorobenzidine	21.74	252	166585	23.180 ng		97
83) Chrysene	21.90	228	422299	25.173 ng		98
84) Bis(2-ethylhexyl)phthalate	21.72	149	281027	28.819 ng		100
85) Di-n-octyl phthalate	22.99	149	462235	28.033 ng		100
86) Indeno(1,2,3-cd)pyrene	29.15	276	446782	22.289 ng		93
88) Benzo(b)fluoranthene	24.15	252	404392	25.066 ng		100
89) Benzo(k)fluoranthene	24.23	252	410612	25.742 ng		99
90) Benzo(a)pyrene	25.08	252	393154	25.212 ng		98
91) Dibenzo(a,h)anthracene	29.22	278	367242	23.677 ng		98
92) Benzo(g,h,i)perylene	30.36	276	362760	23.625 ng		98

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

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