Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042319\
Data File : BG040579.D
Acq On : 23 Apr 2019 20:03
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Apr 24 04:20:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 04:08:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43820	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	192554	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	133492	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	327936	20.00	ng	0.00
76) Chrysene-d12	21.83	240	349957	20.00	ng	0.00
87) Perylene-d12	25.20	264	355254	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	242014	91.81	ng	0.00
7) Phenol-d6	7.30	99	377916	103.74	ng	0.00
23) Nitrobenzene-d5	9.34	82	421185	116.27	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	185398	128.51	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	928583	103.07	ng	0.00
79) Terphenyl-d14	20.13	244	1591319	102.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	53501	43.165	ng	97
3) Pyridine	3.96	79	168094	50.370	ng	97
4) n-Nitrosodimethylamine	3.88	42	91010	58.957	ng	91
6) Aniline	7.48	93	248941	52.598	ng	96
8) 2-Chlorophenol	7.72	128	147050	47.657	ng	97
9) Benzaldehyde	7.30	77	105577	42.251	ng	98
10) Phenol	7.32	94	204836	51.804	ng	95
11) bis(2-Chloroethyl)ether	7.58	93	150854	47.634	ng	97
12) 1,3-Dichlorobenzene	8.05	146	163480	48.738	ng	99
13) 1,4-Dichlorobenzene	8.19	146	163481	48.935	ng	98
14) 1,2-Dichlorobenzene	8.52	146	159183	49.826	ng	98
15) Benzyl Alcohol	8.40	79	195287	66.565	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	298569	49.123	ng	98
17) 2-Methylphenol	8.59	107	142019	51.905	ng	92
18) Hexachloroethane	9.25	117	67157	52.848	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	167597	64.167	ng	98
20) 3+4-Methylphenols	8.92	107	200348	54.051	ng	97
22) Acetophenone	8.99	105	269838	56.178	ng	97
24) Nitrobenzene	9.38	77	224950	59.966	ng	100
25) Isophorone	9.90	82	461007	61.849	ng	99
26) 2-Nitrophenol	10.09	139	80824	45.470	ng	95
27) 2,4-Dimethylphenol	10.13	122	151024	53.489	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	229140	51.961	ng	99
29) 2,4-Dichlorophenol	10.62	162	174108	56.811	ng	98
30) 1,2,4-Trichlorobenzene	10.84	180	186503	55.422	ng	98
31) Naphthalene	11.04	128	514034	52.082	ng	100
32) Benzoic acid	10.26	122	104089	61.016	ng	96
33) 4-Chloroaniline	11.14	127	225041	53.454	ng	96
34) Hexachlorobutadiene	11.30	225	139406	64.775	ng	98
35) Caprolactam	11.94	113	67870	55.805	ng	95
36) 4-Chloro-3-methylphenol	12.24	107	215683	61.217	ng	98
37) 2-Methylnaphthalene	12.63	142	379517	51.992	ng	98
38) 1-Methylnaphthalene	12.85	142	376072	53.130	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	253385	59.721	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	150345	64.536	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	152964	55.918	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	166679	55.902	ng		98
46) 1,1'-Biphenyl	13.63	154	520385	49.337	ng		96
47) 2-Chloronaphthalene	13.68	162	406358	50.225	ng		99
48) 2-Nitroaniline	13.88	65	148031	54.243	ng		98
49) Acenaphthylene	14.52	152	688013	50.155	ng		96
50) Dimethylphthalate	14.24	163	557321	53.344	ng		98
51) 2,6-Dinitrotoluene	14.36	165	111406	47.490	ng		98
52) Acenaphthene	14.86	154	399076	50.771	ng		96
53) 3-Nitroaniline	14.70	138	114429	46.082	ng		98
54) 2,4-Dinitrophenol	14.90	184	53546	42.920	ng	#	90
55) Dibenzofuran	15.19	168	653934	51.774	ng		99
56) 4-Nitrophenol	14.97	139	99923	49.859	ng		97
57) 2,4-Dinitrotoluene	15.15	165	152637	46.827	ng	#	98
58) Fluorene	15.83	166	527213	53.091	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	166153	61.409	ng		100
60) Diethylphthalate	15.60	149	587045	54.910	ng		100
61) 4-Chlorophenyl-phenylether	15.82	204	303690	57.213	ng		97
62) 4-Nitroaniline	15.86	138	126799	47.582	ng		99
63) Azobenzene	16.11	77	604395	59.934	ng		99
65) 4,6-Dinitro-2-methylphenol	15.90	198	76792	41.680	ng		98
66) n-Nitrosodiphenylamine	16.04	169	479034	49.918	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	204541	55.425	ng		98
68) Hexachlorobenzene	16.83	284	209981	56.590	ng		96
69) Atrazine	16.98	200	185254	51.895	ng		95
70) Pentachlorophenol	17.17	266	124841	58.195	ng		99
71) Phenanthrene	17.58	178	878443	50.963	ng		99
72) Anthracene	17.67	178	879837	50.997	ng		99
73) Carbazole	17.94	167	799320	48.955	ng		99
74) Di-n-butylphthalate	18.48	149	959265	49.564	ng		99
75) Fluoranthene	19.58	202	1086729	53.243	ng		99
77) Benzidine	19.76	184	497264	39.349	ng		99
78) Pyrene	19.94	202	1101551	47.865	ng		98
80) Butylbenzylphthalate	20.82	149	429860	43.650	ng		97
81) Benzo(a)anthracene	21.80	228	1102914	51.166	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	400678	48.864	ng		98
83) Chrysene	21.87	228	1058615	51.101	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	616209	43.774	ng		98
85) Di-n-octyl phthalate	22.96	149	1052860	43.898	ng		99
86) Indeno(1,2,3-cd)pyrene	29.09	276	1287815	50.827	ng	#	93
88) Benzo(b)fluoranthene	24.12	252	1092873	50.247	ng		97
89) Benzo(k)fluoranthene	24.19	252	1007490	50.370	ng		98
90) Benzo(a)pyrene	25.05	252	1033926	50.665	ng		100
91) Dibenzo(a,h)anthracene	29.17	278	1042074	54.981	ng		98
92) Benzo(g,h,i)perylene	30.32	276	1023869	52.564	ng		98

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

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