Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039017.D
Acq On : 9 Jan 2019 12:18
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Jan 09 13:17:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 12:51:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	22797	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	92591	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	67292	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	174110	20.00	ng		0.00
76) Chrysene-d12	21.70	240	176402	20.00	ng		0.00
87) Perylene-d12	24.99	264	191550	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	119988	93.35	ng		0.00
7) Phenol-d6	7.19	99	174271	98.77	ng		0.00
23) Nitrobenzene-d5	9.21	82	170596	94.13	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	117549	126.75	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	486011	99.08	ng		0.00
79) Terphenyl-d14	20.03	244	931227	114.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	22503	37.618	ng		99
3) Pyridine	3.86	79	66451	40.347	ng		92
4) n-Nitrosodimethylamine	3.79	42	28816	35.708	ng	#	99
6) Aniline	7.36	93	104117	46.224	ng		99
8) 2-Chlorophenol	7.59	128	70489	47.391	ng		94
9) Benzaldehyde	7.17	77	43308	37.835	ng		97
10) Phenol	7.22	94	87144	46.487	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	63394	42.476	ng		99
12) 1,3-Dichlorobenzene	7.92	146	81993	46.622	ng		97
13) 1,4-Dichlorobenzene	8.06	146	82331	45.709	ng		99
14) 1,2-Dichlorobenzene	8.38	146	79166	46.622	ng		98
15) Benzyl Alcohol	8.28	79	66590	48.350	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	124321	36.363	ng		99
17) 2-Methylphenol	8.48	107	61835	49.234	ng		97
18) Hexachloroethane	9.11	117	28410	43.165	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	57100	46.075	ng		99
20) 3+4-Methylphenols	8.80	107	87576	50.490	ng		98
22) Acetophenone	8.86	105	123347	53.334	ng	#	97
24) Nitrobenzene	9.25	77	85587	46.680	ng		98
25) Isophorone	9.77	82	150723	46.285	ng		99
26) 2-Nitrophenol	9.96	139	47437	50.550	ng		95
27) 2,4-Dimethylphenol	10.01	122	66521	49.462	ng		94
28) bis(2-Chloroethoxy)methane	10.24	93	88255	48.025	ng		99
29) 2,4-Dichlorophenol	10.50	162	85705	57.282	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	97488	53.943	ng		98
31) Naphthalene	10.90	128	228911	50.177	ng		99
32) Benzoic acid	10.18	122	39569	55.413	ng		96
33) 4-Chloroaniline	11.01	127	107621	54.337	ng		99
34) Hexachlorobutadiene	11.16	225	67402	55.118	ng		92
35) Caprolactam	11.81	113	35575	57.454	ng		88
36) 4-Chloro-3-methylphenol	12.13	107	92355	54.091	ng		91
37) 2-Methylnaphthalene	12.50	142	173537	53.320	ng		99
38) 1-Methylnaphthalene	12.72	142	169356	53.624	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	127124	50.539	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	64469	46.652 ng		99
43) 2,4,6-Trichlorophenol	13.11	196	83564	54.031 ng		97
44) 2,4,5-Trichlorophenol	13.19	196	88287	53.916 ng		95
46) 1,1'-Biphenyl	13.51	154	267308	47.385 ng		98
47) 2-Chloronaphthalene	13.55	162	216419	49.665 ng		99
48) 2-Nitroaniline	13.77	65	63055	45.429 ng		94
49) Acenaphthylene	14.40	152	328663	50.452 ng		99
50) Dimethylphthalate	14.13	163	285952	52.036 ng		99
51) 2,6-Dinitrotoluene	14.26	165	65192	52.349 ng		99
52) Acenaphthene	14.74	154	196969	50.565 ng		94
53) 3-Nitroaniline	14.60	138	68366	53.854 ng		95
54) 2,4-Dinitrophenol	14.80	184	36091	55.501 ng		96
55) Dibenzofuran	15.07	168	343313	51.415 ng		99
56) 4-Nitrophenol	14.90	139	48926	50.803 ng		95
57) 2,4-Dinitrotoluene	15.04	165	94038	53.614 ng		95
58) Fluorene	15.72	166	260619	52.682 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	83433	56.632 ng		99
60) Diethylphthalate	15.48	149	292820	48.539 ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	165187	53.517 ng		97
62) 4-Nitroaniline	15.76	138	70050	53.599 ng		97
63) Azobenzene	16.00	77	230948	45.827 ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	66782	53.769 ng		94
66) n-Nitrosodiphenylamine	15.93	169	258038	50.440 ng		96
67) 4-Bromophenyl-phenylether	16.60	248	113168	53.221 ng		98
68) Hexachlorobenzene	16.72	284	119843	54.369 ng		96
69) Atrazine	16.87	200	106529	56.112 ng		95
70) Pentachlorophenol	17.07	266	70769	54.280 ng		96
71) Phenanthrene	17.47	178	453656	50.246 ng		99
72) Anthracene	17.56	178	452780	50.798 ng		99
73) Carbazole	17.84	167	440533	49.975 ng		98
74) Di-n-butylphthalate	18.36	149	491318	48.574 ng		100
75) Fluoranthene	19.47	202	555534	49.730 ng		99
77) Benzidine	19.66	184	256004	49.072 ng		98
78) Pyrene	19.84	202	561840	48.212 ng		99
80) Butylbenzylphthalate	20.70	149	213660	46.928 ng		99
81) Benzo(a)anthracene	21.68	228	531821	49.476 ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	217747	51.077 ng		98
83) Chrysene	21.75	228	509759	49.236 ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	306192	47.418 ng		96
85) Di-n-octyl phthalate	22.77	149	510288	47.186 ng		100
86) Indeno(1,2,3-cd)pyrene	28.75	276	621531	51.062 ng	#	96
88) Benzo(b)fluoranthene	23.93	252	544315	51.756 ng		99
89) Benzo(k)fluoranthene	24.00	252	518915	49.550 ng		99
90) Benzo(a)pyrene	24.83	252	519417	51.194 ng		99
91) Dibenzo(a,h)anthracene	28.82	278	513586	50.839 ng		99
92) Benzo(g,h,i)perylene	29.94	276	508591	51.085 ng		95

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

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