Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
Data File : BG039019.D
Acq On : 9 Jan 2019 13:36
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Jan 09 14:28:23 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	27122	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	105090	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	72827	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	173755	20.00	ng		0.00
76) Chrysene-d12	21.71	240	175170	20.00	ng		0.00
87) Perylene-d12	24.98	264	193524	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	218113	142.64	ng		0.00
7) Phenol-d6	7.19	99	318275	151.61	ng		0.00
23) Nitrobenzene-d5	9.22	82	308425	149.93	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	195088	194.37	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	831040	156.54	ng		0.00
79) Terphenyl-d14	20.03	244	1389825	172.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	41029	57.650	ng		98
3) Pyridine	3.86	79	109581	55.924	ng		97
4) n-Nitrosodimethylamine	3.79	42	55967	58.293	ng	#	98
6) Aniline	7.36	93	187610	70.009	ng		98
8) 2-Chlorophenol	7.59	128	127212	71.888	ng		97
10) Phenol	7.22	94	159485	71.510	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	114456	64.459	ng		99
12) 1,3-Dichlorobenzene	7.92	146	147923	70.698	ng		97
13) 1,4-Dichlorobenzene	8.06	146	151892	70.882	ng		99
14) 1,2-Dichlorobenzene	8.39	146	145322	71.934	ng		96
15) Benzyl Alcohol	8.28	79	124732	76.124	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	223020	54.830	ng		99
17) 2-Methylphenol	8.47	107	109179	73.067	ng		98
18) Hexachloroethane	9.11	117	51538	65.818	ng		99
19) n-Nitroso-di-n-propylamine	8.84	70	101838	69.071	ng	#	97
20) 3+4-Methylphenols	8.81	107	157209	76.182	ng		98
22) Acetophenone	8.87	105	220428	83.975	ng		97
24) Nitrobenzene	9.26	77	153599	73.810	ng		99
25) Isophorone	9.77	82	261466	70.744	ng		100
26) 2-Nitrophenol	9.96	139	87212	81.882	ng		97
27) 2,4-Dimethylphenol	10.01	122	117960	77.277	ng		92
28) bis(2-Chloroethoxy)methane	10.25	93	156963	75.255	ng		100
29) 2,4-Dichlorophenol	10.50	162	153254	90.247	ng		95
30) 1,2,4-Trichlorobenzene	10.71	180	174398	85.022	ng		98
31) Naphthalene	10.90	128	410913	79.359	ng		100
32) Benzoic acid	10.21	122	82993	102.401	ng		94
33) 4-Chloroaniline	11.02	127	187314	83.325	ng		99
34) Hexachlorobutadiene	11.16	225	119174	85.863	ng		96
35) Caprolactam	11.84	113	56069	79.783	ng		94
36) 4-Chloro-3-methylphenol	12.14	107	155956	80.478	ng		90
37) 2-Methylnaphthalene	12.51	142	306182	82.887	ng		99
38) 1-Methylnaphthalene	12.72	142	296912	82.831	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	222119	81.594	ng		100
41) Hexachlorocyclopentadiene	12.83	237	124650	83.345	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.11	196	145222	86.761	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	153029	86.351	ng		97
46) 1,1'-Biphenyl	13.51	154	458334	75.072	ng		99
47) 2-Chloronaphthalene	13.56	162	371976	78.876	ng		99
48) 2-Nitroaniline	13.77	65	106744	71.060	ng		96
49) Acenaphthylene	14.40	152	544849	77.281	ng		99
50) Dimethylphthalate	14.13	163	464452	78.095	ng		100
51) 2,6-Dinitrotoluene	14.26	165	107826	80.004	ng		99
52) Acenaphthene	14.74	154	329408	78.137	ng		96
53) 3-Nitroaniline	14.60	138	107451	78.210	ng		98
54) 2,4-Dinitrophenol	14.80	184	64479	91.619	ng		95
55) Dibenzofuran	15.07	168	565218	78.215	ng		98
56) 4-Nitrophenol	14.91	139	80785	77.509	ng		97
57) 2,4-Dinitrotoluene	15.05	165	149574	78.795	ng		96
58) Fluorene	15.73	166	427619	79.870	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	139925	87.759	ng		97
60) Diethylphthalate	15.48	149	474617	72.695	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	275858	82.579	ng		98
62) 4-Nitroaniline	15.77	138	103634	73.269	ng		98
63) Azobenzene	16.00	77	376066	68.951	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	107082	86.392	ng		94
66) n-Nitrosodiphenylamine	15.93	169	414683	81.226	ng		95
67) 4-Bromophenyl-phenylether	16.61	248	186053	87.676	ng		96
68) Hexachlorobenzene	16.72	284	198755	90.354	ng		96
69) Atrazine	16.88	200	160363	84.640	ng		95
70) Pentachlorophenol	17.07	266	121405	93.308	ng		97
71) Phenanthrene	17.47	178	714641	79.314	ng		99
72) Anthracene	17.56	178	708255	79.623	ng		99
73) Carbazole	17.83	167	683416	77.687	ng		98
74) Di-n-butylphthalate	18.36	149	747372	74.040	ng		99
75) Fluoranthene	19.47	202	846374	75.920	ng		99
77) Benzidine	19.66	184	350157	67.591	ng	#	95
78) Pyrene	19.84	202	859234	74.250	ng		99
80) Butylbenzylphthalate	20.71	149	341513	75.537	ng		98
81) Benzo(a)anthracene	21.68	228	833534	78.090	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	336742	79.545	ng		99
83) Chrysene	21.75	228	795158	77.341	ng		97
84) Bis(2-ethylhexyl)phthalate	21.55	149	474237	73.959	ng		97
85) Di-n-octyl phthalate	22.77	149	800636	74.555	ng		99
86) Indeno(1,2,3-cd)pyrene	28.76	276	992428	82.106	ng		99
88) Benzo(b)fluoranthene	23.94	252	860894	81.023	ng		99
89) Benzo(k)fluoranthene	24.01	252	824577	77.934	ng		99
90) Benzo(a)pyrene	24.84	252	827503	80.727	ng		99
91) Dibenzo(a,h)anthracene	28.83	278	821731	80.512	ng		99
92) Benzo(g,h,i)perylene	29.96	276	817825	81.309	ng		97

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

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