Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092519\
Data File : BG042926.D
Acq On : 25 Sep 2019 13:24
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Sep 25 14:05:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 12:51:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	58181	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	235477	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	162902	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	393414	20.00	ng		0.00
76) Chrysene-d12	21.71	240	450812	20.00	ng		0.00
87) Perylene-d12	24.95	264	525532	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	408722	121.79	ng		0.00
7) Phenol-d6	7.25	99	568084	117.26	ng		0.00
23) Nitrobenzene-d5	9.24	82	567113	117.48	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	331547	129.05	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1325681	119.39	ng		0.00
79) Terphenyl-d14	20.05	244	2483492	112.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	86537	62.051	ng		96
3) Pyridine	3.96	79	241828	59.571	ng		98
4) n-Nitrosodimethylamine	3.87	42	113998	60.585	ng	#	90
6) Aniline	7.41	93	343008	58.061	ng		99
8) 2-Chlorophenol	7.65	128	205365	59.765	ng		98
9) Benzaldehyde	7.21	77	146589	48.611	ng		97
10) Phenol	7.28	94	261530	57.914	ng		96
11) bis(2-Chloroethyl)ether	7.50	93	204944	58.216	ng		98
12) 1,3-Dichlorobenzene	7.97	146	262744	60.577	ng		99
13) 1,4-Dichlorobenzene	8.11	146	260207	59.670	ng		97
14) 1,2-Dichlorobenzene	8.43	146	244963	59.185	ng		97
15) Benzyl Alcohol	8.32	79	213648	58.648	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	375991	54.965	ng		99
17) 2-Methylphenol	8.52	107	183237	58.750	ng		96
18) Hexachloroethane	9.16	117	97101	60.772	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	181927	56.302	ng	#	97
20) 3+4-Methylphenols	8.85	107	250162	58.412	ng		96
22) Acetophenone	8.90	105	351163	57.162	ng	#	99
24) Nitrobenzene	9.28	77	273090	58.395	ng		99
25) Isophorone	9.80	82	493518	57.224	ng		99
26) 2-Nitrophenol	9.99	139	118239	61.328	ng		99
27) 2,4-Dimethylphenol	10.06	122	176691	58.672	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	281289	56.515	ng		99
29) 2,4-Dichlorophenol	10.53	162	222615	60.679	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	287608	61.319	ng		97
31) Naphthalene	10.93	128	672181	58.397	ng		99
32) Benzoic acid	10.21	122	136515	58.398	ng	#	85
33) 4-Chloroaniline	11.04	127	296215	57.787	ng		99
34) Hexachlorobutadiene	11.22	225	211936	62.611	ng		99
35) Caprolactam	11.83	113	75742	57.235	ng		94
36) 4-Chloro-3-methylphenol	12.16	107	237946	58.572	ng		98
37) 2-Methylnaphthalene	12.53	142	506294	57.837	ng		97
38) 1-Methylnaphthalene	12.75	142	481790	58.255	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	357202	59.242	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	238443	64.507 ng		96
43) 2,4,6-Trichlorophenol	13.14	196	218241	61.871 ng		99
44) 2,4,5-Trichlorophenol	13.21	196	219797	60.372 ng		98
46) 1,1'-Biphenyl	13.54	154	717743	57.808 ng		99
47) 2-Chloronaphthalene	13.58	162	549065	58.641 ng		98
48) 2-Nitroaniline	13.78	65	187698	59.745 ng		93
49) Acenaphthylene	14.42	152	846461	59.760 ng		99
50) Dimethylphthalate	14.15	163	718331	60.258 ng		98
51) 2,6-Dinitrotoluene	14.26	165	156124	61.487 ng		96
52) Acenaphthene	14.76	154	588258	62.747 ng		97
53) 3-Nitroaniline	14.60	138	163702	61.340 ng		100
54) 2,4-Dinitrophenol	14.80	184	102816	68.725 ng		93
55) Dibenzofuran	15.09	168	816801	58.732 ng		98
56) 4-Nitrophenol	14.91	139	127806	62.876 ng		97
57) 2,4-Dinitrotoluene	15.05	165	228965	63.537 ng		97
58) Fluorene	15.74	166	697943	59.359 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	234432	62.970 ng		100
60) Diethylphthalate	15.51	149	728075	60.533 ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	415531	59.687 ng		98
62) 4-Nitroaniline	15.76	138	176652	61.133 ng		90
63) Azobenzene	16.03	77	662959	57.359 ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	142736	68.506 ng		96
66) n-Nitrosodiphenylamine	15.94	169	615124	58.167 ng		98
67) 4-Bromophenyl-phenylether	16.63	248	287402	59.379 ng		95
68) Hexachlorobenzene	16.75	284	322738	60.442 ng		97
69) Atrazine	16.90	200	258429	59.225 ng		95
70) Pentachlorophenol	17.09	266	195833	63.803 ng		98
71) Phenanthrene	17.48	178	1134641	59.378 ng		97
72) Anthracene	17.57	178	1130475	59.473 ng		99
73) Carbazole	17.84	167	1069618	60.358 ng		98
74) Di-n-butylphthalate	18.40	149	1292272	62.636 ng		99
75) Fluoranthene	19.49	202	1522967	62.902 ng		100
77) Benzidine	19.67	184	672712	53.756 ng		99
78) Pyrene	19.85	202	1551707	57.713 ng		98
80) Butylbenzylphthalate	20.73	149	631364	60.810 ng		96
81) Benzo(a)anthracene	21.69	228	1653420	59.553 ng		97
82) 3,3'-Dichlorobenzidine	21.61	252	663520	60.002 ng		98
83) Chrysene	21.76	228	1598070	59.523 ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	891535	60.715 ng		98
85) Di-n-octyl phthalate	22.82	149	1454621	59.869 ng		100
86) Indeno(1,2,3-cd)pyrene	28.64	276	2054236	61.371 ng	#	96
88) Benzo(b)fluoranthene	23.92	252	1765134	58.984 ng		98
89) Benzo(k)fluoranthene	23.99	252	1677158	58.011 ng		99
90) Benzo(a)pyrene	24.80	252	1657878	58.822 ng		99
91) Dibenzo(a,h)anthracene	28.71	278	1701439	59.450 ng		98
92) Benzo(g,h,i)perylene	29.80	276	1647136	59.503 ng		98

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

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