Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042399.D
Acq On : 22 Aug 2019 11:37
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Aug 22 12:16:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 11:44:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	56210	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	239796	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	181114	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	413342	20.00	ng		0.00
76) Chrysene-d12	21.70	240	404281	20.00	ng		0.00
87) Perylene-d12	24.94	264	494992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	274472	98.93	ng		0.00
7) Phenol-d6	7.17	99	371793	98.68	ng		0.00
23) Nitrobenzene-d5	9.18	82	337953	99.12	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	250812	101.68	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1033340	96.55	ng		0.00
79) Terphenyl-d14	20.03	244	1732054	93.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	55975	46.785	ng		99
3) Pyridine	3.82	79	152624	49.802	ng		99
4) n-Nitrosodimethylamine	3.74	42	53349	50.563	ng		99
6) Aniline	7.32	93	246175	49.506	ng		100
8) 2-Chlorophenol	7.57	128	163836	48.577	ng		98
9) Benzaldehyde	7.13	77	91861	43.343	ng		96
10) Phenol	7.20	94	189981	49.595	ng		93
11) bis(2-Chloroethyl)ether	7.42	93	147508	48.753	ng		99
12) 1,3-Dichlorobenzene	7.89	146	208830	48.651	ng		97
13) 1,4-Dichlorobenzene	8.04	146	212144	49.069	ng		99
14) 1,2-Dichlorobenzene	8.36	146	202225	49.013	ng		98
15) Benzyl Alcohol	8.24	79	134623	51.952	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	198352	47.540	ng		98
17) 2-Methylphenol	8.46	107	139000	49.075	ng		95
18) Hexachloroethane	9.09	117	72141	48.551	ng		95
19) n-Nitroso-di-n-propylamine	8.82	70	119674	49.381	ng		98
20) 3+4-Methylphenols	8.79	107	194472	49.628	ng		99
22) Acetophenone	8.83	105	248958	48.862	ng	#	98
24) Nitrobenzene	9.22	77	172298	49.596	ng		99
25) Isophorone	9.75	82	332808	48.815	ng		99
26) 2-Nitrophenol	9.93	139	108974	50.459	ng		98
27) 2,4-Dimethylphenol	10.00	122	147513	49.235	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	211773	48.223	ng		98
29) 2,4-Dichlorophenol	10.48	162	195068	48.967	ng		99
30) 1,2,4-Trichlorobenzene	10.69	180	235327	48.327	ng		98
31) Naphthalene	10.88	128	539805	48.576	ng		99
32) Benzoic acid	10.16	122	103629	51.915	ng		93
33) 4-Chloroaniline	10.98	127	250439	49.421	ng		98
34) Hexachlorobutadiene	11.17	225	158786	48.659	ng		99
35) Caprolactam	11.77	113	65450	51.549	ng		99
36) 4-Chloro-3-methylphenol	12.12	107	186003	49.953	ng		100
37) 2-Methylnaphthalene	12.49	142	434854	48.816	ng		98
38) 1-Methylnaphthalene	12.71	142	414688	48.872	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	279392	47.859	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	153984	52.085	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	191187	48.931	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	194826	48.412	ng		97
46) 1,1'-Biphenyl	13.49	154	563748	47.710	ng		100
47) 2-Chloronaphthalene	13.54	162	486164	48.262	ng		98
48) 2-Nitroaniline	13.74	65	118890	49.937	ng		99
49) Acenaphthylene	14.39	152	734609	48.509	ng		98
50) Dimethylphthalate	14.12	163	632184	49.123	ng		100
51) 2,6-Dinitrotoluene	14.23	165	148911	49.439	ng		98
52) Acenaphthene	14.73	154	448728	48.574	ng		100
53) 3-Nitroaniline	14.57	138	148095	50.004	ng		99
54) 2,4-Dinitrophenol	14.78	184	91858	54.936	ng		94
55) Dibenzofuran	15.06	168	741584	49.283	ng		99
56) 4-Nitrophenol	14.89	139	108563	50.811	ng		99
57) 2,4-Dinitrotoluene	15.03	165	213147	50.615	ng		97
58) Fluorene	15.71	166	605551	49.469	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	195651	50.058	ng	#	92
60) Diethylphthalate	15.48	149	615089	49.401	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	365128	49.672	ng		99
62) 4-Nitroaniline	15.74	138	158376	50.605	ng		100
63) Azobenzene	16.00	77	421529	48.582	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	130140	51.601	ng		99
66) n-Nitrosodiphenylamine	15.92	169	551453	47.678	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	261217	49.660	ng		98
68) Hexachlorobenzene	16.73	284	277365	49.226	ng		99
69) Atrazine	16.87	200	194616	49.089	ng		97
70) Pentachlorophenol	17.07	266	154561	51.531	ng		98
71) Phenanthrene	17.46	178	993212	48.247	ng		98
72) Anthracene	17.55	178	999457	48.680	ng		98
73) Carbazole	17.82	167	890706	48.838	ng		99
74) Di-n-butylphthalate	18.38	149	1055379	49.608	ng		99
75) Fluoranthene	19.47	202	1208711	48.691	ng		99
77) Benzidine	19.65	184	526563	49.124	ng		99
78) Pyrene	19.83	202	1213032	48.763	ng		99
80) Butylbenzylphthalate	20.71	149	475238	48.203	ng		99
81) Benzo(a)anthracene	21.68	228	1205372	48.550	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	483799	48.958	ng		99
83) Chrysene	21.74	228	1155040	48.633	ng		96
84) Bis(2-ethylhexyl)phthalate	21.58	149	664193	48.316	ng		100
85) Di-n-octyl phthalate	22.80	149	1145170	48.839	ng		100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1572927	49.602	ng	#	95
88) Benzo(b)fluoranthene	23.91	252	1317710	48.432	ng		99
89) Benzo(k)fluoranthene	23.98	252	1273805	47.896	ng		98
90) Benzo(a)pyrene	24.79	252	1252788	48.054	ng		99
91) Dibenzo(a,h)anthracene	28.72	278	1271220	48.877	ng		98
92) Benzo(g,h,i)perylene	29.82	276	1265470	48.827	ng		100

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

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