Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
Data File : BG042400.D
Acq On : 22 Aug 2019 12:15
Operator : HP/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Jagrut
8/23/2019 2:54:08 PM

Quant Time: Aug 22 13:40:06 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	8.00	152	55724	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	235506	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	175155	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	398148	20.00	ng	0.00
76) Chrysene-d12	21.70	240	384183	20.00	ng	0.00
87) Perylene-d12	24.94	264	476487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	336809	122.46	ng	0.00
7) Phenol-d6	7.17	99	454143	121.58	ng	0.00
23) Nitrobenzene-d5	9.18	82	411655	122.94	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	303158	127.08	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1219725	117.84	ng	0.00
79) Terphenyl-d14	20.03	244	1959070	111.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	68703	57.925	ng	99
3) Pyridine	3.83	79	189234	62.286	ng	99
4) n-Nitrosodimethylamine	3.74	42	66297	63.383	ng	99
6) Aniline	7.32	93	304196	61.708	ng	99
8) 2-Chlorophenol	7.57	128	202252	60.491	ng	96
9) Benzaldehyde	7.13	77	106821	50.841	ng	98
10) Phenol	7.20	94	231708	61.016	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	180236	60.089	ng	100
12) 1,3-Dichlorobenzene	7.89	146	256299	60.231	ng	99
13) 1,4-Dichlorobenzene	8.04	146	258078	60.214	ng	98
14) 1,2-Dichlorobenzene	8.36	146	247516	60.514	ng	98
15) Benzyl Alcohol	8.24	79	163900	63.802	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	242742	58.686	ng	99
17) 2-Methylphenol	8.46	107	169193	60.256	ng	99
18) Hexachloroethane	9.10	117	88049	59.774	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	147169	61.256	ng	98
20) 3+4-Methylphenols	8.79	107	236231	60.811	ng	99
22) Acetophenone	8.83	105	305498	61.051	ng	99
24) Nitrobenzene	9.22	77	209521	61.410	ng	99
25) Isophorone	9.75	82	408002	60.935	ng	99
26) 2-Nitrophenol	9.94	139	132067	62.266	ng	97
27) 2,4-Dimethylphenol	9.99	122	182852	62.142	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	256618	59.500	ng	98
29) 2,4-Dichlorophenol	10.48	162	239176	61.133	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	291100	60.869	ng	97
31) Naphthalene	10.88	128	657293	60.227	ng	99
32) Benzoic acid	10.18	122	128169	65.379	ng	99
33) 4-Chloroaniline	10.98	127	310117	62.313	ng	98
34) Hexachlorobutadiene	11.17	225	194150	60.579	ng	100
35) Caprolactam	11.77	113	80108	64.243	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	223670	61.163	ng	99
37) 2-Methylnaphthalene	12.49	142	531249	60.724	ng	99
38) 1-Methylnaphthalene	12.71	142	499008	59.880	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	337573	59.793	ng	100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	191869	67.107 ng		98
43) 2,4,6-Trichlorophenol	13.10	196	231141	61.169 ng		97
44) 2,4,5-Trichlorophenol	13.18	196	243199	62.488 ng		98
46) 1,1'-Biphenyl	13.50	154	678418	59.367 ng		99
47) 2-Chloronaphthalene	13.54	162	588941	60.453 ng		97
48) 2-Nitroaniline	13.74	65	141488	61.451 ng		98
49) Acenaphthylene	14.39	152	881824	60.212 ng		97
50) Dimethylphthalate	14.12	163	752676	60.475 ng		99
51) 2,6-Dinitrotoluene	14.24	165	177938	61.086 ng		97
52) Acenaphthene	14.73	154	531652	59.508 ng		100
53) 3-Nitroaniline	14.57	138	175792	61.376 ng		99
54) 2,4-Dinitrophenol	14.78	184	114669	70.912 ng		96
55) Dibenzofuran	15.07	168	880062	60.476 ng		98
56) 4-Nitrophenol	14.89	139	132424	64.087 ng		98
57) 2,4-Dinitrotoluene	15.03	165	254864	62.580 ng	#	98
58) Fluorene	15.72	166	716004	60.482 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	235348m	62.263 ng		
60) Diethylphthalate	15.48	149	730677	60.681 ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	434664	61.143 ng		99
62) 4-Nitroaniline	15.73	138	187679	62.008 ng		97
63) Azobenzene	16.00	77	503684	60.025 ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	159498	65.655 ng		99
66) n-Nitrosodiphenylamine	15.92	169	656198	58.900 ng		98
67) 4-Bromophenyl-phenylether	16.60	248	306483	60.489 ng		98
68) Hexachlorobenzene	16.73	284	331128	61.010 ng		97
69) Atrazine	16.87	200	225586	59.073 ng		99
70) Pentachlorophenol	17.07	266	183890	63.649 ng		99
71) Phenanthrene	17.46	178	1173615	59.186 ng		98
72) Anthracene	17.55	178	1171358	59.230 ng		98
73) Carbazole	17.82	167	1046819	59.588 ng		97
74) Di-n-butylphthalate	18.38	149	1232083	60.124 ng		98
75) Fluoranthene	19.47	202	1398411	58.482 ng		98
77) Benzidine	19.65	184	593312	58.247 ng		100
78) Pyrene	19.84	202	1395725	59.042 ng		98
80) Butylbenzylphthalate	20.72	149	556621	59.411 ng		99
81) Benzo(a)anthracene	21.68	228	1394839	59.121 ng		97
82) 3,3'-Dichlorobenzidine	21.59	252	564047	60.065 ng		99
83) Chrysene	21.75	228	1338686	59.314 ng		96
84) Bis(2-ethylhexyl)phthalate	21.58	149	770747	59.001 ng		99
85) Di-n-octyl phthalate	22.80	149	1337286	60.015 ng		99
86) Indeno(1,2,3-cd)pyrene	28.67	276	1864782	61.882 ng	#	95
88) Benzo(b)fluoranthene	23.91	252	1543370	58.929 ng		99
89) Benzo(k)fluoranthene	23.98	252	1493398	58.333 ng		98
90) Benzo(a)pyrene	24.79	252	1479332	58.947 ng		98
91) Dibenzo(a,h)anthracene	28.73	278	1504867	60.108 ng		98
92) Benzo(g,h,i)perylene	29.83	276	1510620	60.550 ng		99

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

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