Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
Data File : BG043083.D
Acq On : 8 Oct 2019 11:22
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/11/2019 8:29:40 AM

Quant Time: Oct 09 01:16:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50824	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	208128	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	159025	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	389377	20.00	ng		0.00
76) Chrysene-d12	21.69	240	415305	20.00	ng		0.00
87) Perylene-d12	24.91	264	483664	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	241897	84.94	ng		0.00
7) Phenol-d6	7.23	99	354202	86.37	ng		0.00
23) Nitrobenzene-d5	9.22	82	352802	82.39	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	260690	95.33	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	943523	86.01	ng		0.00
79) Terphenyl-d14	20.03	244	1814457	93.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	45547	38.360	ng		89
3) Pyridine	3.93	79	132191	39.583	ng		90
4) n-Nitrosodimethylamine	3.85	42	61886	38.535	ng		87
6) Aniline	7.38	93	206582	41.729	ng		96
8) 2-Chlorophenol	7.62	128	131366	44.231	ng		95
9) Benzaldehyde	7.20	77	88353	35.256	ng		82
10) Phenol	7.25	94	162192	43.106	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	119945	41.200	ng		94
12) 1,3-Dichlorobenzene	7.95	146	157452	41.558	ng		98
13) 1,4-Dichlorobenzene	8.09	146	159191	42.149	ng		97
14) 1,2-Dichlorobenzene	8.41	146	155174	43.154	ng		96
15) Benzyl Alcohol	8.30	79	99125m	32.148	ng		
16) 2,2'-oxybis(1-Chloropropan	8.58	45	188472	33.710	ng		96
17) 2-Methylphenol	8.50	107	116387	44.207	ng		94
18) Hexachloroethane	9.14	117	57792	40.629	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	112607	41.816	ng		93
20) 3+4-Methylphenols	8.83	107	160620	44.518	ng		97
22) Acetophenone	8.88	105	227791	42.460	ng	#	96
24) Nitrobenzene	9.26	77	167736	41.068	ng		95
25) Isophorone	9.78	82	320123	42.561	ng		96
26) 2-Nitrophenol	9.97	139	80004	46.013	ng		96
27) 2,4-Dimethylphenol	10.03	122	114921	43.039	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	177551	41.606	ng		99
29) 2,4-Dichlorophenol	10.51	162	149347	44.972	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	183172	42.712	ng		99
31) Naphthalene	10.91	128	440782	43.023	ng		99
32) Benzoic acid	10.17	122	80802	40.302	ng		96
33) 4-Chloroaniline	11.02	127	202355	45.517	ng		96
34) Hexachlorobutadiene	11.20	225	130152	40.532	ng		98
35) Caprolactam	11.80	113	54093	46.189	ng		91
36) 4-Chloro-3-methylphenol	12.14	107	163701	45.337	ng		93
37) 2-Methylnaphthalene	12.51	142	345650	44.224	ng		98
38) 1-Methylnaphthalene	12.73	142	324050	43.816	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	242074	40.486	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	139828	36.703 ng		94
43) 2,4,6-Trichlorophenol	13.12	196	146785	41.943 ng		91
44) 2,4,5-Trichlorophenol	13.19	196	159173	44.151 ng		98
46) 1,1'-Biphenyl	13.51	154	503480	41.749 ng		100
47) 2-Chloronaphthalene	13.56	162	385975	42.689 ng		96
48) 2-Nitroaniline	13.76	65	130333	43.347 ng		91
49) Acenaphthylene	14.40	152	600707	43.419 ng		98
50) Dimethylphthalate	14.13	163	523350	43.923 ng		98
51) 2,6-Dinitrotoluene	14.25	165	116365	45.860 ng		94
52) Acenaphthene	14.75	154	370883	40.050 ng		98
53) 3-Nitroaniline	14.59	138	116058	44.258 ng	#	99
54) 2,4-Dinitrophenol	14.78	184	84293	53.444 ng		93
55) Dibenzofuran	15.07	168	601846	43.934 ng		98
56) 4-Nitrophenol	14.90	139	82443	41.262 ng		97
57) 2,4-Dinitrotoluene	15.03	165	167667	45.123 ng		99
58) Fluorene	15.73	166	508379	43.468 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	163938	42.708 ng		98
60) Diethylphthalate	15.49	149	529477	43.664 ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	305445	43.546 ng		98
62) 4-Nitroaniline	15.75	138	128401	44.897 ng		99
63) Azobenzene	16.01	77	443688	40.189 ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	97263	44.143 ng		94
66) n-Nitrosodiphenylamine	15.93	169	446117	43.401 ng		97
67) 4-Bromophenyl-phenylether	16.61	248	218344	44.678 ng		97
68) Hexachlorobenzene	16.73	284	246778	45.352 ng		97
69) Atrazine	16.88	200	165248	38.177 ng		96
70) Pentachlorophenol	17.08	266	135615	43.192 ng		95
71) Phenanthrene	17.47	178	827841	43.549 ng		98
72) Anthracene	17.55	178	830231	43.748 ng		99
73) Carbazole	17.82	167	763155	43.365 ng		99
74) Di-n-butylphthalate	18.38	149	910986	43.387 ng		99
75) Fluoranthene	19.47	202	1079657	42.940 ng		98
77) Benzidine	19.66	184	335619m	32.275 ng		
78) Pyrene	19.83	202	1088672	43.919 ng		100
80) Butylbenzylphthalate	20.71	149	422577	44.912 ng		97
81) Benzo(a)anthracene	21.67	228	1120092	43.285 ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	452177	44.552 ng		99
83) Chrysene	21.74	228	1083018	43.127 ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	586199	43.785 ng		98
85) Di-n-octyl phthalate	22.79	149	984562	44.972 ng		96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1412602	45.185 ng		100
88) Benzo(b)fluoranthene	23.89	252	1210322	44.226 ng		99
89) Benzo(k)fluoranthene	23.96	252	1153749	42.615 ng		99
90) Benzo(a)pyrene	24.76	252	1123362	43.508 ng		99
91) Dibenzo(a,h)anthracene	28.64	278	1168184	44.122 ng		99
92) Benzo(g,h,i)perylene	29.72	276	1138898	44.396 ng		96

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

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