Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040821.D
Acq On : 9 May 2019 18:31
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/13/2019 8:39:01 PM

Quant Time: May 10 07:58:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	45592	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	206099	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	156565	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	395147	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	379810	20.00	ng		-0.03
87) Perylene-d12	25.15	264	383583	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	240993	93.18	ng		-0.01
7) Phenol-d6	7.28	99	367821	92.36	ng		-0.02
23) Nitrobenzene-d5	9.32	82	425953	95.50	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	210488	97.81	ng		-0.02
45) 2-Fluorobiphenyl	13.40	172	956225	88.20	ng		-0.02
79) Terphenyl-d14	20.11	244	1626883	94.90	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	51227	43.551	ng		92
3) Pyridine	3.95	79	156788	45.987	ng		99
4) n-Nitrosodimethylamine	3.87	42	79639	42.113	ng	#	99
6) Aniline	7.47	93	228571	43.303	ng		97
8) 2-Chlorophenol	7.70	128	143145	45.326	ng		96
9) Benzaldehyde	7.28	77	109648	48.664	ng		94
10) Phenol	7.30	94	195720	45.721	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	139251	43.379	ng		98
12) 1,3-Dichlorobenzene	8.03	146	156193	45.313	ng		99
13) 1,4-Dichlorobenzene	8.18	146	159282	45.583	ng		99
14) 1,2-Dichlorobenzene	8.50	146	153880	45.663	ng		96
15) Benzyl Alcohol	8.38	79	173767	41.936	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	235484	36.846	ng		95
17) 2-Methylphenol	8.57	107	133817	44.172	ng		95
18) Hexachloroethane	9.23	117	62387	43.523	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	148229	41.349	ng		92
20) 3+4-Methylphenols	8.90	107	190849	45.222	ng		99
22) Acetophenone	8.97	105	255437	44.570	ng	#	93
24) Nitrobenzene	9.37	77	224069	47.083	ng		96
25) Isophorone	9.88	82	408920	41.157	ng		99
26) 2-Nitrophenol	10.08	139	96078	56.321	ng		96
27) 2,4-Dimethylphenol	10.11	122	139002	43.428	ng		98
28) bis(2-Chloroethoxy)methane	10.36	93	211380	42.404	ng		98
29) 2,4-Dichlorophenol	10.60	162	176785	48.583	ng		93
30) 1,2,4-Trichlorobenzene	10.82	180	193639	47.987	ng		99
31) Naphthalene	11.02	128	484942	44.289	ng		99
32) Benzoic acid	10.23	122	96388	43.990	ng		100
33) 4-Chloroaniline	11.12	127	222873	45.909	ng		95
34) Hexachlorobutadiene	11.28	225	146199	49.075	ng		97
35) Caprolactam	11.92	113	63148	43.955	ng	#	90
36) 4-Chloro-3-methylphenol	12.22	107	217648	47.414	ng		97
37) 2-Methylnaphthalene	12.61	142	371056	45.325	ng		98
38) 1-Methylnaphthalene	12.83	142	364925	45.604	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	273052	46.816	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	162285	47.154	ng		98
43) 2,4,6-Trichlorophenol	13.20	196	167040	47.393	ng		98
44) 2,4,5-Trichlorophenol	13.27	196	187161	48.746	ng		93
46) 1,1'-Biphenyl	13.61	154	522698	43.000	ng		96
47) 2-Chloronaphthalene	13.65	162	426241	44.806	ng		98
48) 2-Nitroaniline	13.86	65	169900	50.173	ng		95
49) Acenaphthylene	14.50	152	693968	42.997	ng		100
50) Dimethylphthalate	14.22	163	575758	43.953	ng		98
51) 2,6-Dinitrotoluene	14.35	165	131061	51.263	ng		91
52) Acenaphthene	14.84	154	397490	42.289	ng		97
53) 3-Nitroaniline	14.68	138	123733	47.234	ng	#	97
54) 2,4-Dinitrophenol	14.88	184	50779	39.143	ng		95
55) Dibenzofuran	15.17	168	682524	44.333	ng		98
56) 4-Nitrophenol	14.96	139	100035	44.040	ng	#	87
57) 2,4-Dinitrotoluene	15.13	165	183448	52.806	ng		94
58) Fluorene	15.82	166	538274	43.257	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.38	232	178173	46.105	ng		96
60) Diethylphthalate	15.57	149	592940	42.901	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	339209	46.870	ng		98
62) 4-Nitroaniline	15.85	138	134136	45.776	ng		85
63) Azobenzene	16.09	77	574318	40.349	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	78213	41.329	ng		94
66) n-Nitrosodiphenylamine	16.02	169	486306	41.830	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	224748	45.653	ng		95
68) Hexachlorobenzene	16.81	284	234779	46.122	ng		97
69) Atrazine	16.96	200	156928	34.070	ng		100
70) Pentachlorophenol	17.15	266	121717	40.862	ng		99
71) Phenanthrene	17.56	178	901916	42.376	ng		98
72) Anthracene	17.65	178	899739	42.056	ng		100
73) Carbazole	17.92	167	791883	40.628	ng		99
74) Di-n-butylphthalate	18.45	149	958768	40.754	ng		99
75) Fluoranthene	19.56	202	1145862	43.203	ng		98
77) Benzidine	19.74	184	370089	35.588	ng		98
78) Pyrene	19.92	202	1134184	47.645	ng		99
80) Butylbenzylphthalate	20.79	149	424848	45.791	ng		93
81) Benzo(a)anthracene	21.78	228	1118650	46.602	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	381987	44.647	ng		98
83) Chrysene	21.85	228	1081980	47.395	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	587256	43.848	ng		96
85) Di-n-octyl phthalate	22.90	149	988658	43.832	ng		96
86) Indeno(1,2,3-cd)pyrene	29.00	276	903818	32.746	ng	#	84
88) Benzo(b)fluoranthene	24.08	252	1051599	44.863	ng		99
89) Benzo(k)fluoranthene	24.15	252	1073306m	49.030	ng		
90) Benzo(a)pyrene	24.99	252	999050	45.026	ng		98
91) Dibenzo(a,h)anthracene	29.08	278	745349m	33.195	ng		
92) Benzo(g,h,i)perylene	30.22	276	750106m	33.567	ng		

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

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