Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
Data File : BG043935.D
Acq On : 6 Jan 2020 17:20
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/7/2020 12:30:41 PM

Quant Time: Jan 07 09:45:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	137978	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	579010	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	383017	20.00	ng		0.00
64) Phenanthrene-d10	17.33	188	796732	20.00	ng		0.00
76) Chrysene-d12	21.59	240	669229	20.00	ng		0.00
87) Perylene-d12	24.71	264	773311	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	632312	84.14	ng		0.00
7) Phenol-d6	7.13	99	870786	82.90	ng		0.00
23) Nitrobenzene-d5	9.12	82	828368	76.53	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	334107	83.36	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1734439	82.04	ng		0.00
79) Terphenyl-d14	19.95	244	2262785	80.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	133263	40.672	ng		99
3) Pyridine	3.83	79	396263	40.939	ng		96
4) n-Nitrosodimethylamine	3.75	42	166504	38.637	ng		99
6) Aniline	7.28	93	534579	38.747	ng		99
8) 2-Chlorophenol	7.53	128	359556	40.757	ng		98
9) Benzaldehyde	7.09	77	239018	35.553	ng		99
10) Phenol	7.15	94	442264	40.865	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	365288	39.102	ng		99
12) 1,3-Dichlorobenzene	7.85	146	415351	40.233	ng		100
13) 1,4-Dichlorobenzene	8.00	146	411869	40.434	ng		100
14) 1,2-Dichlorobenzene	8.32	146	394311	40.330	ng		98
15) Benzyl Alcohol	8.19	79	324310	39.120	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	553331	38.284	ng		99
17) 2-Methylphenol	8.40	107	314858	40.202	ng		99
18) Hexachloroethane	9.05	117	158958	40.105	ng		99
19) n-Nitroso-di-n-propylamine	8.77	70	298636	38.176	ng		98
20) 3+4-Methylphenols	8.73	107	438139	40.102	ng		99
22) Acetophenone	8.78	105	562111	39.050	ng	#	98
24) Nitrobenzene	9.16	77	413681	38.590	ng		99
25) Isophorone	9.69	82	783885	38.604	ng		99
26) 2-Nitrophenol	9.87	139	208052	41.022	ng		99
27) 2,4-Dimethylphenol	9.94	122	300090	39.307	ng		97
28) bis(2-Chloroethoxy)methane	10.17	93	531294	39.246	ng		99
29) 2,4-Dichlorophenol	10.41	162	371433	40.787	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	405712	39.734	ng		98
31) Naphthalene	10.81	128	1131360	40.378	ng		100
32) Benzoic acid	10.07	122	185882m	32.260	ng		
33) 4-Chloroaniline	10.91	127	527733	39.489	ng		99
34) Hexachlorobutadiene	11.11	225	246188	39.490	ng		99
35) Caprolactam	11.68	113	135312	39.914	ng		99
36) 4-Chloro-3-methylphenol	12.04	107	397391	40.991	ng		97
37) 2-Methylnaphthalene	12.42	142	850934	40.339	ng		99
38) 1-Methylnaphthalene	12.64	142	801833	40.106	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	432722	38.546	ng		100

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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	12.78	237	204368	35.114	ng		98
43) 2,4,6-Trichlorophenol	13.02	196	306038	39.619	ng		99
44) 2,4,5-Trichlorophenol	13.10	196	314278	39.448	ng		98
46) 1,1'-Biphenyl	13.43	154	1089764	39.683	ng		100
47) 2-Chloronaphthalene	13.47	162	874624	39.414	ng		99
48) 2-Nitroaniline	13.66	65	281971	39.502	ng		96
49) Acenaphthylene	14.31	152	1289406	40.427	ng		99
50) Dimethylphthalate	14.05	163	1102002	40.521	ng		99
51) 2,6-Dinitrotoluene	14.16	165	245399	39.923	ng		96
52) Acenaphthene	14.66	154	878014	39.254	ng		100
53) 3-Nitroaniline	14.49	138	281919	40.388	ng		100
54) 2,4-Dinitrophenol	14.69	184	95419	33.865	ng		96
55) Dibenzofuran	14.99	168	1255043	40.760	ng		100
56) 4-Nitrophenol	14.80	139	211714	39.580	ng		99
57) 2,4-Dinitrotoluene	14.95	165	343783	41.103	ng		99
58) Fluorene	15.64	166	994043	40.731	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	280152	40.894	ng		97
60) Diethylphthalate	15.41	149	1122437	41.265	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	529473	39.954	ng		99
62) 4-Nitroaniline	15.65	138	285423	41.407	ng		96
63) Azobenzene	15.92	77	1021310	40.486	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	152468	38.135	ng		98
66) n-Nitrosodiphenylamine	15.85	169	919937	39.208	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	347069	38.732	ng		98
68) Hexachlorobenzene	16.65	284	375211	38.860	ng		99
69) Atrazine	16.79	200	303166	39.751	ng		98
70) Pentachlorophenol	16.99	266	187631	35.252	ng		99
71) Phenanthrene	17.38	178	1550540	40.574	ng		99
72) Anthracene	17.47	178	1544463	40.894	ng		99
73) Carbazole	17.73	167	1435041	41.134	ng		100
74) Di-n-butylphthalate	18.30	149	1789784	40.182	ng		100
75) Fluoranthene	19.39	202	1733995	39.675	ng		100
77) Benzidine	19.56	184	714842	42.496	ng		99
78) Pyrene	19.74	202	1734653	39.710	ng		100
80) Butylbenzylphthalate	20.64	149	855412	41.131	ng		98
81) Benzo(a)anthracene	21.57	228	1684013	40.582	ng		100
82) 3,3'-Dichlorobenzidine	21.48	252	647219	39.478	ng		99
83) Chrysene	21.63	228	1620045	41.086	ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	1167194	40.674	ng		99
85) Di-n-octyl phthalate	22.68	149	2009812	41.660	ng		99
86) Indeno(1,2,3-cd)pyrene	28.26	276	2100273	39.195	ng	#	91
88) Benzo(b)fluoranthene	23.72	252	1793920	39.240	ng		99
89) Benzo(k)fluoranthene	23.79	252	1753267	40.330	ng		99
90) Benzo(a)pyrene	24.57	252	1715211	39.752	ng		99
91) Dibenzo(a,h)anthracene	28.32	278	1691818	39.042	ng		97
92) Benzo(g,h,i)perylene	29.36	276	1645688	38.233	ng		98

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

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