Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043954.D
Acq On : 7 Jan 2020 14:23
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 07 16:41:38 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	142544	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	601809	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	396478	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	838685	20.00	ng	0.00
76) Chrysene-d12	21.59	240	704608	20.00	ng	0.00
87) Perylene-d12	24.71	264	811885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	653395	84.16	ng	0.00
7) Phenol-d6	7.13	99	913595	84.19	ng	0.00
23) Nitrobenzene-d5	9.12	82	863826	76.79	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	358598	86.43	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1797921	82.16	ng	0.00
79) Terphenyl-d14	19.95	244	2344733	78.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	133853	39.543	ng	99
3) Pyridine	3.83	79	415981	41.599	ng	95
4) n-Nitrosodimethylamine	3.74	42	173258	38.916	ng	100
6) Aniline	7.29	93	566995	39.780	ng	99
8) 2-Chlorophenol	7.53	128	372990	40.925	ng	97
9) Benzaldehyde	7.09	77	253509	36.501	ng	97
10) Phenol	7.15	94	466271	41.703	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	380826	39.459	ng	99
12) 1,3-Dichlorobenzene	7.85	146	423368	39.696	ng	98
13) 1,4-Dichlorobenzene	8.00	146	425371	40.422	ng	98
14) 1,2-Dichlorobenzene	8.31	146	402527	39.852	ng	99
15) Benzyl Alcohol	8.20	79	341064	39.823	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	561362	37.596	ng	99
17) 2-Methylphenol	8.40	107	330693	40.872	ng	98
18) Hexachloroethane	9.05	117	165767	40.483	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	305460	37.798	ng	96
20) 3+4-Methylphenols	8.73	107	460785	40.824	ng	99
22) Acetophenone	8.78	105	582744	38.950	ng	100
24) Nitrobenzene	9.16	77	432358	38.805	ng	98
25) Isophorone	9.68	82	817141	38.717	ng	99
26) 2-Nitrophenol	9.87	139	221335	41.988	ng	98
27) 2,4-Dimethylphenol	9.94	122	312760	39.415	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	545142	38.743	ng	98
29) 2,4-Dichlorophenol	10.41	162	391103	41.320	ng	96
30) 1,2,4-Trichlorobenzene	10.62	180	420020	39.577	ng	99
31) Naphthalene	10.81	128	1174532	40.331	ng	99
32) Benzoic acid	10.08	122	166470	28.663	ng	97
33) 4-Chloroaniline	10.91	127	551174	39.680	ng	98
34) Hexachlorobutadiene	11.11	225	256206	39.540	ng	96
35) Caprolactam	11.69	113	145796	41.377	ng	94
36) 4-Chloro-3-methylphenol	12.04	107	418691	41.552	ng	99
37) 2-Methylnaphthalene	12.42	142	882773	40.263	ng	97
38) 1-Methylnaphthalene	12.64	142	839449	40.397	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	454771	39.134	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	226655	37.621 ng	98
43) 2,4,6-Trichlorophenol	13.03	196	322471	40.329 ng	96
44) 2,4,5-Trichlorophenol	13.10	196	334419	40.551 ng	99
46) 1,1'-Biphenyl	13.43	154	1147261	40.358 ng	99
47) 2-Chloronaphthalene	13.47	162	910458	39.636 ng	98
48) 2-Nitroaniline	13.66	65	300423	40.658 ng	97
49) Acenaphthylene	14.31	152	1353497	40.995 ng	100
50) Dimethylphthalate	14.05	163	1151726	40.912 ng	99
51) 2,6-Dinitrotoluene	14.16	165	258929	40.694 ng	99
52) Acenaphthene	14.66	154	939120	40.561 ng	98
53) 3-Nitroaniline	14.49	138	292702	40.509 ng	99
54) 2,4-Dinitrophenol	14.69	184	110665	37.282 ng	91
55) Dibenzofuran	14.99	168	1320312	41.424 ng	99
56) 4-Nitrophenol	14.79	139	231391	41.790 ng	96
57) 2,4-Dinitrotoluene	14.95	165	368372	42.547 ng	98
58) Fluorene	15.64	166	1042394	41.262 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	295230	41.632 ng	97
60) Diethylphthalate	15.42	149	1179027	41.873 ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	562146	40.979 ng	99
62) 4-Nitroaniline	15.65	138	300405	42.101 ng	98
63) Azobenzene	15.93	77	1070402	40.992 ng	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	171789	40.510 ng	98
66) n-Nitrosodiphenylamine	15.85	169	972433	39.373 ng	99
67) 4-Bromophenyl-phenylether	16.53	248	366968	38.904 ng	98
68) Hexachlorobenzene	16.65	284	396801	39.040 ng	98
69) Atrazine	16.79	200	319398	39.784 ng	99
70) Pentachlorophenol	16.99	266	207592	37.051 ng	98
71) Phenanthrene	17.38	178	1614123	40.125 ng	99
72) Anthracene	17.47	178	1616290	40.655 ng	99
73) Carbazole	17.73	167	1492441	40.640 ng	99
74) Di-n-butylphthalate	18.30	149	1871964	39.925 ng	99
75) Fluoranthene	19.38	202	1812433	39.396 ng	99
77) Benzidine	19.56	184	851237	48.063 ng	99
78) Pyrene	19.75	202	1824726	39.674 ng	99
80) Butylbenzylphthalate	20.64	149	894989	40.873 ng	97
81) Benzo(a)anthracene	21.57	228	1763066	40.353 ng	99
82) 3,3'-Dichlorobenzidine	21.49	252	692966	40.146 ng	99
83) Chrysene	21.63	228	1693458	40.792 ng	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	1220693	40.403 ng	100
85) Di-n-octyl phthalate	22.68	149	2097600	41.297 ng	99
86) Indeno(1,2,3-cd)pyrene	28.26	276	2191295	38.840 ng	99
88) Benzo(b)fluoranthene	23.73	252	1942196	40.465 ng	99
89) Benzo(k)fluoranthene	23.80	252	1812348	39.708 ng	99
90) Benzo(a)pyrene	24.57	252	1815099	40.068 ng	99
91) Dibenzo(a,h)anthracene	28.32	278	1776963	39.058 ng	98
92) Benzo(g,h,i)perylene	29.36	276	1669879	36.952 ng	98

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

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