Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102219\
Data File : BG043299.D
Acq On : 22 Oct 2019 9:52
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 22 10:32:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33712	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	138868	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	103745	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	244496	20.00	ng		0.00
76) Chrysene-d12	21.67	240	272920	20.00	ng		0.00
87) Perylene-d12	24.87	264	315066	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	156163	84.88	ng		0.00
7) Phenol-d6	7.20	99	224523	84.82	ng		0.00
23) Nitrobenzene-d5	9.19	82	229020	85.02	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	165631	83.89	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	628345	83.69	ng		0.00
79) Terphenyl-d14	20.01	244	1229607	84.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	28696	40.026	ng	#	94
3) Pyridine	3.89	79	82380	45.552	ng		97
4) n-Nitrosodimethylamine	3.81	42	38559	42.253	ng	#	99
6) Aniline	7.36	93	130479	42.792	ng		95
8) 2-Chlorophenol	7.60	128	86853	42.767	ng		97
9) Benzaldehyde	7.17	77	55659	42.788	ng		92
10) Phenol	7.23	94	101939	42.145	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	78205	41.820	ng		99
12) 1,3-Dichlorobenzene	7.91	146	106173	41.727	ng		99
13) 1,4-Dichlorobenzene	8.06	146	108596	42.183	ng		96
14) 1,2-Dichlorobenzene	8.38	146	102875	40.927	ng		96
15) Benzyl Alcohol	8.27	79	79514	42.774	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	113563	41.764	ng		98
17) 2-Methylphenol	8.48	107	72908	41.348	ng		93
18) Hexachloroethane	9.11	117	39877	42.933	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	71191	41.623	ng		99
20) 3+4-Methylphenols	8.81	107	99268	41.056	ng		89
22) Acetophenone	8.85	105	148585	41.781	ng		98
24) Nitrobenzene	9.23	77	106893	41.658	ng		99
25) Isophorone	9.75	82	202718	41.164	ng		99
26) 2-Nitrophenol	9.95	139	51021	41.186	ng		96
27) 2,4-Dimethylphenol	10.01	122	73271	41.267	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	113363	41.708	ng		96
29) 2,4-Dichlorophenol	10.49	162	95047	41.780	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	118618	41.370	ng		96
31) Naphthalene	10.88	128	291010	41.285	ng		98
32) Benzoic acid	10.16	122	44876	35.910	ng		88
33) 4-Chloroaniline	11.00	127	122332	42.338	ng		98
34) Hexachlorobutadiene	11.17	225	88366	41.691	ng		96
35) Caprolactam	11.77	113	34314	43.796	ng		90
36) 4-Chloro-3-methylphenol	12.12	107	104230	42.003	ng		99
37) 2-Methylnaphthalene	12.48	142	225261	41.650	ng		97
38) 1-Methylnaphthalene	12.70	142	211663	41.131	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	158828	41.367	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	79646	39.490	ng		92
43) 2,4,6-Trichlorophenol	13.10	196	95583	42.273	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	95875	41.942	ng		98
46) 1,1'-Biphenyl	13.49	154	327913	41.548	ng		99
47) 2-Chloronaphthalene	13.53	162	249303	41.516	ng		99
48) 2-Nitroaniline	13.74	65	77066	42.939	ng		96
49) Acenaphthylene	14.38	152	390772	41.812	ng		95
50) Dimethylphthalate	14.11	163	336298	41.850	ng		99
51) 2,6-Dinitrotoluene	14.22	165	71264	40.821	ng		97
52) Acenaphthene	14.72	154	238609	41.865	ng		95
53) 3-Nitroaniline	14.56	138	74490	44.195	ng	#	89
54) 2,4-Dinitrophenol	14.76	184	37114	38.229	ng		93
55) Dibenzofuran	15.05	168	381937	41.323	ng		97
56) 4-Nitrophenol	14.88	139	48690	43.108	ng		95
57) 2,4-Dinitrotoluene	15.01	165	103266	41.391	ng		98
58) Fluorene	15.70	166	323192	41.691	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	98644	40.616	ng	#	98
60) Diethylphthalate	15.46	149	338678	41.946	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	192318	42.526	ng		99
62) 4-Nitroaniline	15.73	138	76163	43.755	ng		92
63) Azobenzene	15.98	77	277100	42.405	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	60021	41.714	ng		97
66) n-Nitrosodiphenylamine	15.90	169	284115	41.160	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	136158	41.381	ng		99
68) Hexachlorobenzene	16.71	284	152484	40.372	ng		99
69) Atrazine	16.85	200	96691	40.312	ng		98
70) Pentachlorophenol	17.06	266	75131	43.655	ng		94
71) Phenanthrene	17.44	178	523297	41.797	ng		99
72) Anthracene	17.53	178	523124	41.761	ng		99
73) Carbazole	17.81	167	478219	42.157	ng		98
74) Di-n-butylphthalate	18.35	149	587944	42.716	ng		99
75) Fluoranthene	19.45	202	693364	42.480	ng		99
77) Benzidine	19.64	184	251496	45.788	ng		99
78) Pyrene	19.81	202	703634	41.651	ng		99
80) Butylbenzylphthalate	20.69	149	261901	40.920	ng		97
81) Benzo(a)anthracene	21.64	228	712946	41.704	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	283912	42.938	ng		98
83) Chrysene	21.72	228	713390	41.999	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	379846	41.780	ng		100
85) Di-n-octyl phthalate	22.75	149	644086	41.757	ng		99
86) Indeno(1,2,3-cd)pyrene	28.52	276	887499	41.625	ng		99
88) Benzo(b)fluoranthene	23.85	252	729936	40.906	ng		99
89) Benzo(k)fluoranthene	23.92	252	760015	42.308	ng		98
90) Benzo(a)pyrene	24.72	252	715738	42.003	ng		99
91) Dibenzo(a,h)anthracene	28.58	278	728139	41.776	ng		98
92) Benzo(g,h,i)perylene	29.65	276	726863	42.278	ng		97

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

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