Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052919\
Data File : BG040938.D
Acq On : 29 May 2019 15:31
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: May 29 16:19:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 16:09:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	52433	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	223518	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	169159	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	429411	20.00	ng	0.00
76) Chrysene-d12	21.79	240	423962	20.00	ng	0.00
87) Perylene-d12	25.13	264	461172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	234965	78.99	ng	0.00
7) Phenol-d6	7.27	99	357988	78.17	ng	0.00
23) Nitrobenzene-d5	9.31	82	406935	84.12	ng	0.00
42) 2,4,6-Tribromophenol	16.25	330	205386	88.33	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	970412	82.85	ng	0.00
79) Terphenyl-d14	20.10	244	1693517	88.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	52415	38.747	ng	100
3) Pyridine	3.94	79	157057	40.056	ng	100
4) n-Nitrosodimethylamine	3.86	42	73423	33.760	ng	100
6) Aniline	7.46	93	238701	39.322	ng	100
8) 2-Chlorophenol	7.68	128	137242	37.787	ng	100
9) Benzaldehyde	7.27	77	107635	37.905	ng	100
10) Phenol	7.30	94	191460	38.890	ng	100
11) bis(2-Chloroethyl)ether	7.54	93	141129	38.228	ng	100
12) 1,3-Dichlorobenzene	8.01	146	166558	42.015	ng	100
13) 1,4-Dichlorobenzene	8.17	146	170303	42.378	ng	100
14) 1,2-Dichlorobenzene	8.48	146	163903	42.291	ng	100
15) Benzyl Alcohol	8.37	79	165400	34.709	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.65	45	227503	30.953	ng	100
17) 2-Methylphenol	8.56	107	140022	40.190	ng	100
18) Hexachloroethane	9.21	117	64215	38.954	ng	100
19) n-Nitroso-di-n-propylamine	8.94	70	137971	33.466	ng	100
20) 3+4-Methylphenols	8.89	107	190156	39.179	ng	100
22) Acetophenone	8.96	105	256162	41.214	ng	100
24) Nitrobenzene	9.35	77	209878	40.664	ng	100
25) Isophorone	9.86	82	393313	36.501	ng	100
26) 2-Nitrophenol	10.06	139	87120	47.090	ng	100
27) 2,4-Dimethylphenol	10.10	122	142580	41.074	ng	100
28) bis(2-Chloroethoxy)methane	10.35	93	210769	38.987	ng	100
29) 2,4-Dichlorophenol	10.59	162	182673	46.289	ng	100
30) 1,2,4-Trichlorobenzene	10.81	180	207340	47.378	ng	100
31) Naphthalene	11.00	128	491708	41.408	ng	100
32) Benzoic acid	10.23	122	102539	43.150	ng	100
33) 4-Chloroaniline	11.11	127	227073	43.129	ng	100
34) Hexachlorobutadiene	11.26	225	153255	47.435	ng	100
35) Caprolactam	11.90	113	60229	38.656	ng	100
36) 4-Chloro-3-methylphenol	12.21	107	206085	41.396	ng	100
37) 2-Methylnaphthalene	12.60	142	375172	42.256	ng	100
38) 1-Methylnaphthalene	12.81	142	356870	41.122	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	279862	44.411	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	123857	33.309	ng	100
43) 2,4,6-Trichlorophenol	13.20	196	182999	48.055	ng	100
44) 2,4,5-Trichlorophenol	13.27	196	189171	45.601	ng	100
46) 1,1'-Biphenyl	13.60	154	522838	39.809	ng	100
47) 2-Chloronaphthalene	13.64	162	442304	43.033	ng	100
48) 2-Nitroaniline	13.85	65	158690	43.374	ng	100
49) Acenaphthylene	14.49	152	679538	38.968	ng	100
50) Dimethylphthalate	14.21	163	595909	42.104	ng	100
51) 2,6-Dinitrotoluene	14.34	165	126593	45.829	ng	100
52) Acenaphthene	14.82	154	403519	39.734	ng	100
53) 3-Nitroaniline	14.67	138	130179	45.995	ng	100
54) 2,4-Dinitrophenol	14.87	184	46552	34.194	ng	100
55) Dibenzofuran	15.15	168	690155	41.491	ng	100
56) 4-Nitrophenol	14.95	139	88972	36.254	ng	100
57) 2,4-Dinitrotoluene	15.12	165	182573	48.641	ng	100
58) Fluorene	15.80	166	541068	40.245	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.38	232	188860	45.232	ng	100
60) Diethylphthalate	15.56	149	607159	40.659	ng	100
61) 4-Chlorophenyl-phenylether	15.79	204	348130	44.521	ng	100
62) 4-Nitroaniline	15.83	138	134120	42.363	ng	100
63) Azobenzene	16.08	77	559795	36.401	ng	100
65) 4,6-Dinitro-2-methylphenol	15.88	198	83478	42.240	ng	100
66) n-Nitrosodiphenylamine	16.00	169	492527	38.985	ng	100
67) 4-Bromophenyl-phenylether	16.69	248	239256	44.722	ng	100
68) Hexachlorobenzene	16.80	284	251438	45.453	ng	100
69) Atrazine	16.94	200	206640	41.283	ng	100
70) Pentachlorophenol	17.14	266	127386	39.353	ng	100
71) Phenanthrene	17.55	178	925902	40.032	ng	100
72) Anthracene	17.64	178	911492	39.206	ng	100
73) Carbazole	17.91	167	781693	36.905	ng	100
74) Di-n-butylphthalate	18.44	149	992839	38.835	ng	100
75) Fluoranthene	19.55	202	1153324	40.014	ng	100
77) Benzidine	19.73	184	429790	37.024	ng	100
78) Pyrene	19.91	202	1150433	43.295	ng	100
80) Butylbenzylphthalate	20.78	149	445812	43.046	ng	100
81) Benzo(a)anthracene	21.76	228	1158425	43.233	ng	100
82) 3,3'-Dichlorobenzidine	21.68	252	400639	41.950	ng	100
83) Chrysene	21.83	228	1121323	44.004	ng	100
84) Bis(2-ethylhexyl)phthalate	21.63	149	621055	41.543	ng	100
85) Di-n-octyl phthalate	22.88	149	1045722	41.534	ng	100
86) Indeno(1,2,3-cd)pyrene	28.98	276	1329194	43.142	ng	100
88) Benzo(b)fluoranthene	24.05	252	1146568	40.685	ng	100
89) Benzo(k)fluoranthene	24.13	252	1138967	43.276	ng	100
90) Benzo(a)pyrene	24.97	252	1096983	41.122	ng	100
91) Dibenzo(a,h)anthracene	29.04	278	1099336	40.723	ng	100
92) Benzo(g,h,i)perylene	30.18	276	1049746	39.072	ng	100

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

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