Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041684.D
Acq On : 17 Jul 2019 11:27
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 18 01:12:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	98067	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	429028	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	260749	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	612104	20.00	ng		0.00
76) Chrysene-d12	21.65	240	571199	20.00	ng		0.00
87) Perylene-d12	24.85	264	672343	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	486834	81.15	ng		0.00
7) Phenol-d6	7.20	99	654932	81.17	ng		0.00
23) Nitrobenzene-d5	9.20	82	592805	84.03	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	256756	87.37	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1413309	83.93	ng		0.00
79) Terphenyl-d14	20.01	244	2005518	82.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	111101	38.995	ng		99
3) Pyridine	3.90	79	313752	41.254	ng		97
4) n-Nitrosodimethylamine	3.81	42	134597	38.323	ng		98
6) Aniline	7.37	93	436300	40.233	ng		96
8) 2-Chlorophenol	7.61	128	273252	40.235	ng		98
9) Benzaldehyde	7.18	77	203727	41.340	ng		99
10) Phenol	7.22	94	343721	40.433	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	274275	39.948	ng		97
12) 1,3-Dichlorobenzene	7.94	146	327584	40.425	ng		99
13) 1,4-Dichlorobenzene	8.08	146	325870	40.155	ng		99
14) 1,2-Dichlorobenzene	8.41	146	311141	40.666	ng		95
15) Benzyl Alcohol	8.28	79	255388	39.757	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	564687	39.692	ng		99
17) 2-Methylphenol	8.48	107	238131	40.505	ng		99
18) Hexachloroethane	9.14	117	117080	39.389	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	239967	40.689	ng		99
20) 3+4-Methylphenols	8.80	107	330553	41.030	ng		99
22) Acetophenone	8.87	105	419745	40.170	ng	#	96
24) Nitrobenzene	9.25	77	317878	41.306	ng		99
25) Isophorone	9.77	82	626850	40.579	ng		100
26) 2-Nitrophenol	9.96	139	150856	43.241	ng		97
27) 2,4-Dimethylphenol	10.02	122	240520	39.352	ng		100
28) bis(2-Chloroethoxy)methane	10.26	93	386155	40.559	ng		99
29) 2,4-Dichlorophenol	10.50	162	286389	41.097	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	330887	40.440	ng		98
31) Naphthalene	10.91	128	859193	40.678	ng		98
32) Benzoic acid	10.14	122	182460	40.410	ng		96
33) 4-Chloroaniline	11.00	127	396875	40.735	ng		99
34) Hexachlorobutadiene	11.20	225	217770	41.410	ng		99
35) Caprolactam	11.77	113	106196	41.461	ng		93
36) 4-Chloro-3-methylphenol	12.11	107	299641	41.045	ng		99
37) 2-Methylnaphthalene	12.51	142	664735	41.193	ng		99
38) 1-Methylnaphthalene	12.72	142	633702	41.191	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	372947	41.756	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	210767	41.716	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	250106	43.096	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	263146	43.036	ng		95
46) 1,1'-Biphenyl	13.51	154	818351	41.892	ng		98
47) 2-Chloronaphthalene	13.55	162	680532	41.800	ng		98
48) 2-Nitroaniline	13.73	65	213603	45.062	ng		99
49) Acenaphthylene	14.39	152	1060933	41.743	ng		98
50) Dimethylphthalate	14.12	163	862240	42.104	ng		99
51) 2,6-Dinitrotoluene	14.23	165	193101	44.454	ng		99
52) Acenaphthene	14.73	154	668075	41.711	ng		99
53) 3-Nitroaniline	14.56	138	205918	43.426	ng	#	91
54) 2,4-Dinitrophenol	14.76	184	87639	43.793	ng	#	85
55) Dibenzofuran	15.06	168	1008408	41.957	ng		98
56) 4-Nitrophenol	14.85	139	165276	43.051	ng		99
57) 2,4-Dinitrotoluene	15.02	165	263224	45.842	ng		99
58) Fluorene	15.71	166	809314	41.384	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	246931	43.744	ng		98
60) Diethylphthalate	15.48	149	851712	41.283	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	463669	41.943	ng		99
62) 4-Nitroaniline	15.71	138	215430	42.837	ng		99
63) Azobenzene	16.00	77	761020	40.801	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	125849	43.962	ng		97
66) n-Nitrosodiphenylamine	15.91	169	736614	40.979	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	302555	41.541	ng		99
68) Hexachlorobenzene	16.71	284	304798	41.559	ng		99
69) Atrazine	16.85	200	257188	39.427	ng		96
70) Pentachlorophenol	17.05	266	197132	42.988	ng		99
71) Phenanthrene	17.45	178	1276951	41.425	ng		97
72) Anthracene	17.54	178	1275206	41.501	ng		97
73) Carbazole	17.79	167	1161976	40.775	ng		97
74) Di-n-butylphthalate	18.37	149	1388830	39.958	ng		96
75) Fluoranthene	19.45	202	1523664	40.254	ng		95
77) Benzidine	19.62	184	785777	38.743	ng		100
78) Pyrene	19.80	202	1518909	39.317	ng		94
80) Butylbenzylphthalate	20.70	149	667567	41.585	ng		95
81) Benzo(a)anthracene	21.64	228	1530851	41.480	ng		96
82) 3,3'-Dichlorobenzidine	21.54	252	607285	41.816	ng		97
83) Chrysene	21.70	228	1474408	41.810	ng		95
84) Bis(2-ethylhexyl)phthalate	21.56	149	934931	41.248	ng		97
85) Di-n-octyl phthalate	22.77	149	1614581	41.829	ng		97
86) Indeno(1,2,3-cd)pyrene	28.50	276	1911204	41.074	ng	#	92
88) Benzo(b)fluoranthene	23.83	252	1664245	40.808	ng		98
89) Benzo(k)fluoranthene	23.90	252	1591118	42.105	ng		98
90) Benzo(a)pyrene	24.70	252	1589724	41.200	ng		98
91) Dibenzo(a,h)anthracene	28.57	278	1529407	40.879	ng		99
92) Benzo(g,h,i)perylene	29.63	276	1536545	40.983	ng		98

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

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