Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
Data File : BG040604.D
Acq On : 25 Apr 2019 11:05
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 25 11:41:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43108	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	193517	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	141436	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	365748	20.00	ng		0.00
76) Chrysene-d12	21.82	240	350477	20.00	ng		0.00
87) Perylene-d12	25.19	264	380263	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	201008	82.20	ng		0.00
7) Phenol-d6	7.29	99	312649	83.03	ng		0.00
23) Nitrobenzene-d5	9.34	82	370138	88.38	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	153865	79.15	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	771092	78.74	ng		0.00
79) Terphenyl-d14	20.13	244	1427742	90.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	46226	41.564	ng		96
3) Pyridine	3.96	79	137258	42.579	ng		94
4) n-Nitrosodimethylamine	3.88	42	81006	45.304	ng		99
6) Aniline	7.48	93	203836	40.843	ng		99
8) 2-Chlorophenol	7.71	128	118308	39.620	ng		96
9) Benzaldehyde	7.30	77	99612	45.918	ng		95
10) Phenol	7.32	94	170846	42.210	ng		95
11) bis(2-Chloroethyl)ether	7.57	93	124945	41.165	ng		97
12) 1,3-Dichlorobenzene	8.04	146	131538	40.359	ng		96
13) 1,4-Dichlorobenzene	8.19	146	133036	40.266	ng		99
14) 1,2-Dichlorobenzene	8.51	146	128315	40.271	ng		97
15) Benzyl Alcohol	8.39	79	161014	41.097	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	255653	42.306	ng		98
17) 2-Methylphenol	8.58	107	114315	39.909	ng		89
18) Hexachloroethane	9.25	117	54280	40.050	ng		89
19) n-Nitroso-di-n-propylamine	8.97	70	141070	41.620	ng		98
20) 3+4-Methylphenols	8.91	107	165323	41.431	ng		97
22) Acetophenone	8.99	105	218397	40.585	ng	#	99
24) Nitrobenzene	9.38	77	193262	43.250	ng		98
25) Isophorone	9.89	82	385907	41.366	ng		98
26) 2-Nitrophenol	10.09	139	72612	45.333	ng		98
27) 2,4-Dimethylphenol	10.13	122	122851	40.878	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	192090	41.040	ng		97
29) 2,4-Dichlorophenol	10.62	162	140591	41.149	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	152224	40.176	ng		99
31) Naphthalene	11.03	128	415659	40.430	ng		99
32) Benzoic acid	10.24	122	91229	44.342	ng		95
33) 4-Chloroaniline	11.14	127	187171	41.061	ng		97
34) Hexachlorobutadiene	11.30	225	114981	41.105	ng		96
35) Caprolactam	11.93	113	55885	41.429	ng		96
36) 4-Chloro-3-methylphenol	12.23	107	185973	43.147	ng		99
37) 2-Methylnaphthalene	12.63	142	318401	41.422	ng		97
38) 1-Methylnaphthalene	12.84	142	301827	40.171	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	203543	38.631	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	117790	37.886	ng		97
43) 2,4,6-Trichlorophenol	13.21	196	126504	39.731	ng		97
44) 2,4,5-Trichlorophenol	13.28	196	138894	40.044	ng		98
46) 1,1'-Biphenyl	13.63	154	430204	39.176	ng		94
47) 2-Chloronaphthalene	13.67	162	333606	38.819	ng		99
48) 2-Nitroaniline	13.87	65	143731	46.985	ng		96
49) Acenaphthylene	14.51	152	574658	39.413	ng		99
50) Dimethylphthalate	14.24	163	485626	41.038	ng		99
51) 2,6-Dinitrotoluene	14.36	165	101640	44.008	ng		94
52) Acenaphthene	14.85	154	329960	38.860	ng		96
53) 3-Nitroaniline	14.69	138	103719	43.830	ng		94
54) 2,4-Dinitrophenol	14.89	184	44409	38.118	ng	#	85
55) Dibenzofuran	15.18	168	552515	39.727	ng		98
56) 4-Nitrophenol	14.97	139	85526	41.680	ng		98
57) 2,4-Dinitrotoluene	15.14	165	142552	45.423	ng		96
58) Fluorene	15.83	166	447689	39.826	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	143094	40.988	ng		98
60) Diethylphthalate	15.59	149	503563	40.332	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	258507	39.540	ng		96
62) 4-Nitroaniline	15.86	138	116521	44.018	ng		98
63) Azobenzene	16.11	77	527952	41.060	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	61206	36.040	ng		93
66) n-Nitrosodiphenylamine	16.03	169	416441	38.700	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	172326	37.818	ng		96
68) Hexachlorobenzene	16.82	284	179684	38.136	ng		95
69) Atrazine	16.97	200	168391	39.497	ng		98
70) Pentachlorophenol	17.16	266	108569	39.378	ng		99
71) Phenanthrene	17.57	178	776793	39.431	ng		98
72) Anthracene	17.67	178	770083	38.889	ng		99
73) Carbazole	17.93	167	706748	39.174	ng		99
74) Di-n-butylphthalate	18.47	149	867606	39.843	ng		99
75) Fluoranthene	19.58	202	992843	40.442	ng		99
77) Benzidine	19.75	184	474995	49.498	ng		99
78) Pyrene	19.94	202	984727	44.829	ng		99
80) Butylbenzylphthalate	20.81	149	383035	44.740	ng		99
81) Benzo(a)anthracene	21.80	228	969753	43.780	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	341682	43.278	ng		98
83) Chrysene	21.87	228	928553	44.079	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	533969	43.206	ng		99
85) Di-n-octyl phthalate	22.95	149	903914	43.429	ng		98
86) Indeno(1,2,3-cd)pyrene	29.07	276	1089155	42.763	ng	#	93
88) Benzo(b)fluoranthene	24.11	252	932028	40.109	ng		98
89) Benzo(k)fluoranthene	24.18	252	885178	40.789	ng		99
90) Benzo(a)pyrene	25.04	252	875513	39.803	ng		99
91) Dibenzo(a,h)anthracene	29.15	278	869635	39.068	ng		95
92) Benzo(g,h,i)perylene	30.31	276	875611	39.525	ng		98

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

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