Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
Data File : BG037016.D
Acq On : 27 Sep 2018 16:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 27 16:50:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41859	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	182195	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	112205	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	291819	20.00	ng		0.00
75) Chrysene-d12	21.68	240	296457	20.00	ng		-0.01
86) Perylene-d12	24.88	264	307869	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	203303	93.14	ng		-0.01
7) Phenol-d6	7.20	99	291426	86.30	ng		-0.01
23) Nitrobenzene-d5	9.20	82	293767	86.34	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	118238	88.08	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	627743	83.33	ng		-0.01
78) Terphenyl-d14	20.02	244	887975	78.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	47034	47.093	ng		96
3) Pyridine	3.92	79	132006	45.775	ng		96
4) n-Nitrosodimethylamine	3.83	42	61319	47.841	ng	#	90
6) Aniline	7.37	93	178005	40.623	ng		99
8) 2-Chlorophenol	7.61	128	108500	42.812	ng		92
9) Benzaldehyde	7.18	77	92072	41.261	ng		96
10) Phenol	7.23	94	151773	43.548	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	123472	38.299	ng		99
12) 1,3-Dichlorobenzene	7.93	146	126485	40.709	ng		99
13) 1,4-Dichlorobenzene	8.08	146	128282	40.345	ng		99
14) 1,2-Dichlorobenzene	8.39	146	123706	40.147	ng		96
15) Benzyl Alcohol	8.28	79	111061	40.532	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	251489	40.633	ng		99
17) 2-Methylphenol	8.48	107	96523	39.759	ng		97
18) Hexachloroethane	9.12	117	49412	42.229	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	106744	37.997	ng		98
20) 3+4-Methylphenols	8.80	107	140199	41.512	ng		98
22) Acetophenone	8.86	105	176839	41.303	ng	#	96
24) Nitrobenzene	9.25	77	152123	41.869	ng		99
25) Isophorone	9.76	82	261989	42.143	ng		99
26) 2-Nitrophenol	9.96	139	66707	46.062	ng		96
27) 2,4-Dimethylphenol	10.01	122	95904	42.513	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	154196	40.197	ng		98
29) 2,4-Dichlorophenol	10.49	162	114113	43.636	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	129721	39.638	ng		97
31) Naphthalene	10.90	128	345757	39.884	ng		99
32) Benzoic acid	10.14	122	64915	38.824	ng		91
33) 4-Chloroaniline	11.00	127	153914	39.049	ng		98
34) Hexachlorobutadiene	11.18	225	93104	41.138	ng		97
35) Caprolactam	11.77	113	46773	43.456	ng		98
36) 4-Chloro-3-methylphenol	12.12	107	134411	43.076	ng		99
37) 2-Methylnaphthalene	12.49	142	250958	38.010	ng		100
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	163219	41.707	ng		100
40) Hexachlorocyclopentadiene	12.84	237	78631	39.067	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	98384	45.272	ng		95
43) 2,4,5-Trichlorophenol	13.18	196	107355	46.328	ng		99
45) 1,1'-Biphenyl	13.50	154	354237	41.222	ng		99
46) 2-Chloronaphthalene	13.55	162	279629	41.378	ng		99
47) 2-Nitroaniline	13.75	65	108300	46.333	ng		97
48) Acenaphthylene	14.39	152	440940	41.638	ng		99
49) Dimethylphthalate	14.12	163	369841	40.949	ng		99
50) 2,6-Dinitrotoluene	14.24	165	82727	41.981	ng		99
51) Acenaphthene	14.73	154	261389	40.841	ng		99
52) 3-Nitroaniline	14.57	138	91388	44.011	ng		95
53) 2,4-Dinitrophenol	14.78	184	33318	40.278	ng	#	88
54) Dibenzofuran	15.06	168	439664	40.613	ng		98
55) 4-Nitrophenol	14.88	139	66039	49.783	ng		98
56) 2,4-Dinitrotoluene	15.03	165	116688	42.437	ng		93
57) Fluorene	15.71	166	331522	40.972	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	106787	45.427	ng		100
59) Diethylphthalate	15.48	149	375726	41.246	ng		100
60) 4-Chlorophenyl-phenylether	15.70	204	204086	39.827	ng		98
61) 4-Nitroaniline	15.74	138	95784	43.853	ng		97
62) Azobenzene	16.00	77	376296	42.991	ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	70794	46.402	ng		95
65) n-Nitrosodiphenylamine	15.92	169	327898	40.701	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	128987	38.860	ng		98
67) Hexachlorobenzene	16.72	284	132435	38.739	ng		97
68) Atrazine	16.87	200	134962	41.373	ng		99
69) Pentachlorophenol	17.06	266	92701	43.069	ng		97
70) Phenanthrene	17.45	178	567092	40.326	ng		98
71) Anthracene	17.55	178	574556	41.319	ng		99
72) Carbazole	17.82	167	578979	42.705	ng		99
73) Di-n-butylphthalate	18.36	149	655798	43.556	ng		99
74) Fluoranthene	19.46	202	706551	41.740	ng		100
76) Benzidine	19.64	184	371824	41.490	ng		99
77) Pyrene	19.82	202	715143	40.199	ng		100
79) Butylbenzylphthalate	20.70	149	303314	42.775	ng		99
80) Benzo(a)anthracene	21.66	228	691811	39.976	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	275306	41.794	ng		99
82) Chrysene	21.73	228	666164	39.841	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	426678	43.073	ng		98
84) Di-n-octyl phthalate	22.77	149	710492	43.562	ng		100
85) Indeno(1,2,3-cd)pyrene	28.53	276	753118	41.944	ng	#	94
87) Benzo(b)fluoranthene	23.86	252	646307	39.392	ng		99
88) Benzo(k)fluoranthene	23.93	252	663926	40.334	ng		99
89) Benzo(a)pyrene	24.73	252	639807	40.336	ng		99
90) Dibenzo(a,h)anthracene	28.59	278	607958	40.896	ng		97
91) Benzo(g,h,i)perylene	29.67	276	606301	40.638	ng		96

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

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