Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037376.D
Acq On : 17 Oct 2018 4:48
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 17 05:36:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	69060	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	325157	20.00	ng		-0.01
39) Acenaphthene-d10	14.75	164	209809	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	495656	20.00	ng		-0.01
76) Chrysene-d12	21.78	240	452450	20.00	ng		-0.01
87) Perylene-d12	25.13	264	479975	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	347775	88.63	ng		0.00
7) Phenol-d6	7.25	99	508404	85.36	ng		0.00
23) Nitrobenzene-d5	9.29	82	465370	94.10	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	186430	90.60	ng		-0.01
45) 2-Fluorobiphenyl	13.37	172	1099735	78.72	ng		-0.01
79) Terphenyl-d14	20.09	244	1632349	75.75	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	88838	40.310	ng		96
3) Pyridine	3.94	79	227174	43.415	ng		97
4) n-Nitrosodimethylamine	3.86	42	82167	40.436	ng	#	93
6) Aniline	7.44	93	311782	39.988	ng		97
8) 2-Chlorophenol	7.67	128	193816	42.202	ng		99
9) Benzaldehyde	7.25	77	160229	39.073	ng		97
10) Phenol	7.28	94	265606	42.341	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	208080	40.603	ng		98
12) 1,3-Dichlorobenzene	8.00	146	219910	40.732	ng		97
13) 1,4-Dichlorobenzene	8.15	146	221780	40.573	ng		99
14) 1,2-Dichlorobenzene	8.47	146	211427	39.916	ng		97
15) Benzyl Alcohol	8.35	79	191508	41.106	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	375825	37.096	ng		97
17) 2-Methylphenol	8.54	107	177077	42.149	ng		97
18) Hexachloroethane	9.20	117	78221	41.927	ng		94
19) n-Nitroso-di-n-propylamine	8.92	70	175713	38.966	ng		95
20) 3+4-Methylphenols	8.88	107	253449	43.145	ng		98
22) Acetophenone	8.95	105	320403	39.090	ng	#	97
24) Nitrobenzene	9.33	77	243620	45.990	ng		96
25) Isophorone	9.85	82	435752	38.595	ng		95
26) 2-Nitrophenol	10.05	139	111987	54.609	ng		99
27) 2,4-Dimethylphenol	10.09	122	193133	40.925	ng		99
28) bis(2-Chloroethoxy)methane	10.33	93	278206	39.385	ng		97
29) 2,4-Dichlorophenol	10.57	162	214010	44.674	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	230806	39.594	ng		98
31) Naphthalene	10.99	128	628198	39.753	ng		100
32) Benzoic acid	10.22	122	145721	55.922	ng		98
33) 4-Chloroaniline	11.10	127	297996	40.200	ng		97
34) Hexachlorobutadiene	11.25	225	135613	37.462	ng		97
35) Caprolactam	11.90	113	89289	45.721	ng		90
36) 4-Chloro-3-methylphenol	12.20	107	244627	43.239	ng		100
37) 2-Methylnaphthalene	12.58	142	459549	39.849	ng		99
38) 1-Methylnaphthalene	12.80	142	445484	39.552	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	274214	40.358	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	128473	45.866	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	186541	47.327	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	199118	46.952	ng		98
46) 1,1'-Biphenyl	13.58	154	685440	39.715	ng		97
47) 2-Chloronaphthalene	13.63	162	519498	39.849	ng		99
48) 2-Nitroaniline	13.84	65	167066	47.382	ng		98
49) Acenaphthylene	14.48	152	801572	40.193	ng		98
50) Dimethylphthalate	14.20	163	655010	39.726	ng		99
51) 2,6-Dinitrotoluene	14.32	165	147104	46.138	ng		96
52) Acenaphthene	14.82	154	487576	39.581	ng		99
53) 3-Nitroaniline	14.66	138	168088	48.724	ng	#	98
54) 2,4-Dinitrophenol	14.86	184	45160	54.736	ng		95
55) Dibenzofuran	15.15	168	788475	39.447	ng		99
56) 4-Nitrophenol	14.94	139	124294	46.221	ng		98
57) 2,4-Dinitrotoluene	15.11	165	201331	49.482	ng		96
58) Fluorene	15.79	166	597833	39.547	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	173046	46.088	ng		99
60) Diethylphthalate	15.55	149	671901	39.321	ng		100
61) 4-Chlorophenyl-phenylether	15.78	204	345737	39.127	ng		100
62) 4-Nitroaniline	15.82	138	166228	45.908	ng		97
63) Azobenzene	16.07	77	632660	38.617	ng		99
65) 4,6-Dinitro-2-methylphenol	15.87	198	94682	59.415	ng		99
66) n-Nitrosodiphenylamine	16.00	169	590105	40.541	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	217164	40.596	ng		100
68) Hexachlorobenzene	16.78	284	222329	40.086	ng		100
69) Atrazine	16.94	200	223957	41.397	ng		99
70) Pentachlorophenol	17.13	266	157548	44.028	ng		96
71) Phenanthrene	17.54	178	986021	39.080	ng		99
72) Anthracene	17.63	178	969712	39.266	ng		97
73) Carbazole	17.90	167	993419	39.042	ng		99
74) Di-n-butylphthalate	18.44	149	1130415	41.449	ng		100
75) Fluoranthene	19.54	202	1146821	38.889	ng		98
77) Benzidine	19.72	184	643132	37.156	ng		99
78) Pyrene	19.90	202	1160708	39.362	ng		98
80) Butylbenzylphthalate	20.77	149	507592	44.243	ng		100
81) Benzo(a)anthracene	21.76	228	1061954	39.190	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	428409	40.985	ng		99
83) Chrysene	21.83	228	1019241	39.431	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	711540	43.190	ng		97
85) Di-n-octyl phthalate	22.90	149	1178363	44.068	ng		98
86) Indeno(1,2,3-cd)pyrene	28.96	276	1166330	40.708	ng		97
88) Benzo(b)fluoranthene	24.05	252	1034409	39.640	ng		99
89) Benzo(k)fluoranthene	24.13	252	1048828	40.732	ng		96
90) Benzo(a)pyrene	24.97	252	1025181	40.970	ng		99
91) Dibenzo(a,h)anthracene	29.04	278	949590	39.662	ng		97
92) Benzo(g,h,i)perylene	30.18	276	962325	40.244	ng		100

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

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