Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101218\
Data File : BG037326.D
Acq On : 13 Oct 2018 14:35
Operator : JU/SJ
Sample : PB113715BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113715BS

Quant Time: Oct 15 02:16:27 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	8.12	152	56596	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	255662	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	173287	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	429648	20.00	ng		0.00
76) Chrysene-d12	21.79	240	397974	20.00	ng		0.00
87) Perylene-d12	25.12	264	417229	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	397173	123.50	ng		0.00
7) Phenol-d6	7.26	99	588888	120.65	ng		0.00
23) Nitrobenzene-d5	9.30	82	316579	81.41	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	214189	126.03	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	802125	69.51	ng		0.00
79) Terphenyl-d14	20.09	244	1305951	68.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	43460	24.063	ng		95
3) Pyridine	3.94	79	125109	29.175	ng		96
4) n-Nitrosodimethylamine	3.85	42	58866	35.349	ng	#	92
6) Aniline	7.44	93	104036	16.282	ng		99
8) 2-Chlorophenol	7.67	128	156771	41.653	ng		99
9) Benzaldehyde	7.26	77	83393	24.815	ng		99
10) Phenol	7.29	94	215960	42.009	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	144270	34.351	ng		95
12) 1,3-Dichlorobenzene	8.00	146	147391	33.312	ng		99
13) 1,4-Dichlorobenzene	8.15	146	151820	33.891	ng		97
14) 1,2-Dichlorobenzene	8.47	146	145891	33.609	ng		98
15) Benzyl Alcohol	8.35	79	146535	38.379	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	268542	32.344	ng		98
17) 2-Methylphenol	8.55	107	146942	42.679	ng		99
18) Hexachloroethane	9.20	117	53433	34.948	ng		94
19) n-Nitroso-di-n-propylamine	8.92	70	123750	33.486	ng		96
20) 3+4-Methylphenols	8.87	107	205969	42.784	ng		97
22) Acetophenone	8.95	105	235279	36.507	ng	#	97
24) Nitrobenzene	9.34	77	170238	40.872	ng		93
25) Isophorone	9.85	82	365681	41.193	ng		99
26) 2-Nitrophenol	10.05	139	71095	46.394	ng		96
27) 2,4-Dimethylphenol	10.09	122	173992	46.891	ng		97
28) bis(2-Chloroethoxy)methane	10.33	93	217932	39.239	ng		96
29) 2,4-Dichlorophenol	10.58	162	172239	45.728	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	161642	35.266	ng		99
31) Naphthalene	10.99	128	486185	39.130	ng		100
32) Benzoic acid	10.21	122	101364	49.473	ng		97
33) 4-Chloroaniline	11.10	127	46643	8.002	ng		96
34) Hexachlorobutadiene	11.26	225	94059	33.046	ng		96
35) Caprolactam	11.88	113	70287	45.774	ng		92
36) 4-Chloro-3-methylphenol	12.20	107	197595	44.420	ng		99
37) 2-Methylnaphthalene	12.59	142	379346	41.836	ng		99
38) 1-Methylnaphthalene	12.80	142	363442	41.039	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	188954	33.671	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	209749	90.665 ng		99
43) 2,4,6-Trichlorophenol	13.18	196	148682	45.672 ng		99
44) 2,4,5-Trichlorophenol	13.25	196	161711	46.168 ng		97
46) 1,1'-Biphenyl	13.58	154	503974	35.355 ng		99
47) 2-Chloronaphthalene	13.63	162	393794	36.573 ng		98
48) 2-Nitroaniline	13.84	65	124453	43.300 ng		92
49) Acenaphthylene	14.48	152	664425	40.338 ng		99
50) Dimethylphthalate	14.20	163	546782	40.151 ng		99
51) 2,6-Dinitrotoluene	14.33	165	114863	43.881 ng		92
52) Acenaphthene	14.81	154	387976	38.133 ng		99
53) 3-Nitroaniline	14.66	138	43275	15.188 ng		98
54) 2,4-Dinitrophenol	14.86	184	46549	68.310 ng		97
55) Dibenzofuran	15.15	168	623442	37.764 ng		100
56) 4-Nitrophenol	14.95	139	209172	94.179 ng		99
57) 2,4-Dinitrotoluene	15.11	165	156472	46.877 ng		97
58) Fluorene	15.79	166	506673	40.580 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	147924	47.700 ng		99
60) Diethylphthalate	15.56	149	553721	39.235 ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	264158	36.195 ng		97
62) 4-Nitroaniline	15.82	138	127154	42.518 ng		98
63) Azobenzene	16.08	77	521917	38.571 ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	50323	38.730 ng		98
66) n-Nitrosodiphenylamine	16.00	169	477196	37.820 ng		100
67) 4-Bromophenyl-phenylether	16.68	248	167826	36.193 ng		97
68) Hexachlorobenzene	16.79	284	170076	35.376 ng		97
69) Atrazine	16.94	200	186018	39.667 ng		99
70) Pentachlorophenol	17.13	266	209896	67.668 ng		93
71) Phenanthrene	17.54	178	861107	39.372 ng		99
72) Anthracene	17.63	178	877289	40.981 ng		98
73) Carbazole	17.90	167	821404	37.241 ng		99
74) Di-n-butylphthalate	18.44	149	981675	41.525 ng		99
75) Fluoranthene	19.54	202	1028670	40.242 ng		99
77) Benzidine	19.72	184	195912	12.868 ng		99
78) Pyrene	19.91	202	1022572	39.424 ng		99
80) Butylbenzylphthalate	20.78	149	437112	43.315 ng		98
81) Benzo(a)anthracene	21.76	228	967297	40.583 ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	135354	14.721 ng		98
83) Chrysene	21.83	228	892757	39.265 ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	618841	42.705 ng		100
85) Di-n-octyl phthalate	22.90	149	1045960	44.471 ng		98
86) Indeno(1,2,3-cd)pyrene	28.96	276	1065486	42.279 ng	#	87
88) Benzo(b)fluoranthene	24.05	252	974621	42.965 ng		99
89) Benzo(k)fluoranthene	24.13	252	897945	40.116 ng		98
90) Benzo(a)pyrene	24.96	252	925654	42.556 ng		98
91) Dibenzo(a,h)anthracene	29.05	278	868648	41.737 ng		95
92) Benzo(g,h,i)perylene	30.18	276	879897	42.331 ng		97

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

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