Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
Data File : BG036607.D
Acq On : 7 Sep 2018 21:34
Operator : JU/SJ
Sample : PB112680BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112680BSD

Quant Time: Sep 08 00:47:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51736	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	230345	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	155399	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	405497	20.00	ng		0.00
75) Chrysene-d12	21.69	240	400421	20.00	ng		0.00
86) Perylene-d12	24.90	264	415064	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	352193	107.99	ng		0.00
7) Phenol-d6	7.21	99	485268	103.92	ng		0.00
23) Nitrobenzene-d5	9.22	82	284364	66.98	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	215791	116.38	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	701353	64.44	ng		0.00
78) Terphenyl-d14	20.03	244	1195731	69.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	49332	32.411	ng		96
3) Pyridine	3.92	79	146169	34.212	ng		95
4) n-Nitrosodimethylamine	3.84	42	72467	38.082	ng		90
6) Aniline	7.38	93	182109	30.725	ng		96
8) 2-Chlorophenol	7.62	128	152611	43.149	ng		96
9) Benzaldehyde	7.19	77	85596	26.619	ng		97
10) Phenol	7.24	94	213629	43.717	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	145745	37.621	ng		99
12) 1,3-Dichlorobenzene	7.95	146	155364	38.470	ng		98
13) 1,4-Dichlorobenzene	8.09	146	159410	39.096	ng		98
14) 1,2-Dichlorobenzene	8.41	146	153047	39.303	ng		96
15) Benzyl Alcohol	8.29	79	150743	40.045	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	269468	34.491	ng		97
17) 2-Methylphenol	8.49	107	144238	44.453	ng		97
18) Hexachloroethane	9.14	117	56761	38.827	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	125677	36.012	ng		91
20) 3+4-Methylphenols	8.82	107	197394	43.574	ng		97
22) Acetophenone	8.87	105	234196	38.718	ng	#	98
24) Nitrobenzene	9.26	77	185055	40.423	ng		98
25) Isophorone	9.78	82	348043	41.268	ng		98
26) 2-Nitrophenol	9.97	139	86209	47.521	ng		98
27) 2,4-Dimethylphenol	10.03	122	155210	46.212	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	203067	39.232	ng		99
29) 2,4-Dichlorophenol	10.50	162	170866	46.420	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	169889	39.454	ng		98
31) Naphthalene	10.91	128	478246	41.533	ng		99
32) Benzoic acid	10.15	122	100444	41.053	ng		97
33) 4-Chloroaniline	11.01	127	129104	24.468	ng		97
34) Hexachlorobutadiene	11.20	225	113754	39.319	ng		98
35) Caprolactam	11.79	113	61658	42.049	ng		89
36) 4-Chloro-3-methylphenol	12.13	107	186300	43.558	ng		99
37) 2-Methylnaphthalene	12.51	142	378056	44.871	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	218776	39.782	ng		98
40) Hexachlorocyclopentadiene	12.86	237	261440	91.370	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	147740	44.102	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	159466	44.630	ng		98
45) 1,1'-Biphenyl	13.52	154	494053	38.301	ng		98
46) 2-Chloronaphthalene	13.56	162	381389	38.729	ng		98
47) 2-Nitroaniline	13.76	65	134976	43.649	ng		97
48) Acenaphthylene	14.40	152	646455	42.004	ng		99
49) Dimethylphthalate	14.13	163	519054	40.905	ng		99
50) 2,6-Dinitrotoluene	14.25	165	115229	44.131	ng		93
51) Acenaphthene	14.74	154	386974	39.261	ng		99
52) 3-Nitroaniline	14.58	138	98253	34.918	ng		96
53) 2,4-Dinitrophenol	14.79	184	82767	83.686	ng		93
54) Dibenzofuran	15.08	168	624959	40.472	ng		99
55) 4-Nitrophenol	14.88	139	186062	80.874	ng		98
56) 2,4-Dinitrotoluene	15.04	165	162092	47.632	ng		86
57) Fluorene	15.73	166	496943	43.049	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	165422	49.276	ng	#	93
59) Diethylphthalate	15.50	149	514622	40.242	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	287250	40.298	ng		96
61) 4-Nitroaniline	15.74	138	126293	42.892	ng		95
62) Azobenzene	16.01	77	496198	38.135	ng		96
64) 4,6-Dinitro-2-methylphenol	15.80	198	81103	45.531	ng		94
65) n-Nitrosodiphenylamine	15.93	169	460012	38.179	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	190852	40.200	ng		96
67) Hexachlorobenzene	16.73	284	193473	39.854	ng		94
68) Atrazine	16.88	200	187184	41.390	ng		97
69) Pentachlorophenol	17.07	266	230816	69.959	ng		96
70) Phenanthrene	17.46	178	843884	40.956	ng		99
71) Anthracene	17.56	178	861522	41.946	ng		99
72) Carbazole	17.82	167	751685	36.646	ng		99
73) Di-n-butylphthalate	18.38	149	858028	37.564	ng		99
74) Fluoranthene	19.47	202	1025339	40.816	ng		99
76) Benzidine	19.65	184	466836	36.542	ng		99
77) Pyrene	19.83	202	1009569	41.000	ng		99
79) Butylbenzylphthalate	20.72	149	394079	40.214	ng		90
80) Benzo(a)anthracene	21.67	228	1016510	41.904	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	252838	26.152	ng		97
82) Chrysene	21.74	228	943494	41.033	ng		100
83) Bis(2-ethylhexyl)phthalate	21.58	149	538342	39.258	ng		99
84) Di-n-octyl phthalate	22.79	149	920813	40.202	ng		96
85) Indeno(1,2,3-cd)pyrene	28.55	276	1104809	41.368	ng		98
87) Benzo(b)fluoranthene	23.88	252	992715	43.071	ng		97
88) Benzo(k)fluoranthene	23.95	252	959296	42.602	ng		98
89) Benzo(a)pyrene	24.75	252	957612	43.237	ng		99
90) Dibenzo(a,h)anthracene	28.62	278	840871	39.327	ng		97
91) Benzo(g,h,i)perylene	29.69	276	891871	41.508	ng		97

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

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