Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036820.D
Acq On : 19 Sep 2018 13:59
Operator : JU/SJ
Sample : PB112901BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112901BS

Quant Time: Sep 19 14:37:28 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	49615	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	204051	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	138357	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	358122	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	350735	20.00	ng		0.00
86) Perylene-d12	24.89	264	368992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	391931	125.31	ng		0.00
7) Phenol-d6	7.21	99	556742	124.32	ng		0.00
23) Nitrobenzene-d5	9.21	82	339329	90.23	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	246386	149.24	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	783866	80.89	ng		-0.01
78) Terphenyl-d14	20.02	244	1328540	88.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	46578	31.910	ng		98
3) Pyridine	3.92	79	141887	34.630	ng		98
4) n-Nitrosodimethylamine	3.84	42	80047	43.863	ng		95
6) Aniline	7.37	93	157075	27.634	ng		97
8) 2-Chlorophenol	7.61	128	156373	46.103	ng		97
9) Benzaldehyde	7.19	77	65769	21.328	ng		96
10) Phenol	7.24	94	223044	47.595	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	151235	40.707	ng		98
12) 1,3-Dichlorobenzene	7.94	146	157755	40.732	ng		99
13) 1,4-Dichlorobenzene	8.08	146	159073	40.681	ng		98
14) 1,2-Dichlorobenzene	8.40	146	152909	40.946	ng		97
15) Benzyl Alcohol	8.28	79	163105	45.181	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	299905	40.028	ng		98
17) 2-Methylphenol	8.48	107	149235	47.959	ng		97
18) Hexachloroethane	9.13	117	60613	43.234	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	132560	39.608	ng		94
20) 3+4-Methylphenols	8.81	107	204981	47.183	ng		99
22) Acetophenone	8.87	105	238230	44.460	ng	#	97
24) Nitrobenzene	9.25	77	199017	49.074	ng		98
25) Isophorone	9.78	82	368919	49.380	ng		99
26) 2-Nitrophenol	9.96	139	91005	56.629	ng		97
27) 2,4-Dimethylphenol	10.02	122	161480	54.275	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	213313	46.522	ng		98
29) 2,4-Dichlorophenol	10.50	162	177421	54.412	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	172419	45.201	ng		99
31) Naphthalene	10.90	128	496057	48.632	ng		100
32) Benzoic acid	10.15	122	74672	35.173	ng		92
33) 4-Chloroaniline	11.01	127	115097	24.624	ng		96
34) Hexachlorobutadiene	11.19	225	116144	45.318	ng		97
35) Caprolactam	11.80	113	67014	51.591	ng		95
36) 4-Chloro-3-methylphenol	12.13	107	207278	54.708	ng		99
37) 2-Methylnaphthalene	12.50	142	389642	52.206	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	224985	45.950	ng		99
40) Hexachlorocyclopentadiene	12.85	237	271094	106.414	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	161047	53.996 ng	99
43) 2,4,5-Trichlorophenol	13.18	196	173900	54.664 ng	98
45) 1,1'-Biphenyl	13.51	154	509773	44.387 ng	99
46) 2-Chloronaphthalene	13.55	162	397646	45.354 ng	99
47) 2-Nitroaniline	13.75	65	151981	55.202 ng	98
48) Acenaphthylene	14.39	152	674737	49.242 ng	99
49) Dimethylphthalate	14.13	163	544008	48.152 ng	100
50) 2,6-Dinitrotoluene	14.25	165	120177	51.695 ng	97
51) Acenaphthene	14.74	154	394348	44.937 ng	97
52) 3-Nitroaniline	14.58	138	93088	37.158 ng	99
53) 2,4-Dinitrophenol	14.78	184	34125	38.754 ng	97
54) Dibenzofuran	15.07	168	645445	46.947 ng	99
55) 4-Nitrophenol	14.88	139	191917	93.694 ng	97
56) 2,4-Dinitrotoluene	15.04	165	173634	57.308 ng	89
57) Fluorene	15.72	166	521167	50.708 ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	172674	57.771 ng	97
59) Diethylphthalate	15.49	149	541489	47.559 ng	100
60) 4-Chlorophenyl-phenylether	15.71	204	299934	47.260 ng	99
61) 4-Nitroaniline	15.74	138	133394	50.884 ng	96
62) Azobenzene	16.00	77	541546	46.747 ng	99
64) 4,6-Dinitro-2-methylphenol	15.80	198	54736	34.794 ng	95
65) n-Nitrosodiphenylamine	15.93	169	483842	45.469 ng	100
66) 4-Bromophenyl-phenylether	16.60	248	198541	47.352 ng	99
67) Hexachlorobenzene	16.72	284	198767	46.361 ng	99
68) Atrazine	16.87	200	209399	52.427 ng	99
69) Pentachlorophenol	17.07	266	199121	68.336 ng	97
70) Phenanthrene	17.46	178	881736	48.454 ng	99
71) Anthracene	17.55	178	889562	49.040 ng	97
72) Carbazole	17.82	167	784610	43.311 ng	100
73) Di-n-butylphthalate	18.37	149	908459	45.034 ng	99
74) Fluoranthene	19.47	202	1065323	48.017 ng	99
76) Benzidine	19.64	184	371159	33.169 ng	99
77) Pyrene	19.83	202	1041790	48.302 ng	99
79) Butylbenzylphthalate	20.71	149	418523	48.759 ng	95
80) Benzo(a)anthracene	21.67	228	1042475	49.062 ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	238653	28.182 ng	97
82) Chrysene	21.73	228	972310	48.277 ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	567677	47.262 ng	100
84) Di-n-octyl phthalate	22.78	149	956648	47.683 ng	98
85) Indeno(1,2,3-cd)pyrene	28.54	276	1175045	50.231 ng	98
87) Benzo(b)fluoranthene	23.88	252	1054223	51.450 ng	97
88) Benzo(k)fluoranthene	23.95	252	970949	48.504 ng	99
89) Benzo(a)pyrene	24.74	252	1003965	50.989 ng	98
90) Dibenzo(a,h)anthracene	28.61	278	951144	50.038 ng	97
91) Benzo(g,h,i)perylene	29.69	276	959748	50.244 ng	97

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

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