Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
Data File : BG036682.D
Acq On : 12 Sep 2018 21:01
Operator : JU/SJ
Sample : PB112784BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112784BS

Quant Time: Sep 13 01:12:52 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	56312	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	244802	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	165965	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	404221	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	412635	20.00	ng		-0.01
86) Perylene-d12	24.89	264	426067	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	411475	115.91	ng		0.00
7) Phenol-d6	7.21	99	574897	113.11	ng		0.00
23) Nitrobenzene-d5	9.22	82	347427	77.00	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	239221	120.80	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	834407	71.79	ng		-0.01
78) Terphenyl-d14	20.03	244	1343648	76.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	48759	29.431	ng		97
3) Pyridine	3.92	79	147948	31.815	ng		98
4) n-Nitrosodimethylamine	3.84	42	80997	39.106	ng		91
6) Aniline	7.38	93	102686	15.917	ng		98
8) 2-Chlorophenol	7.62	128	165346	42.951	ng		96
9) Benzaldehyde	7.19	77	85793	24.512	ng		97
10) Phenol	7.24	94	234895	44.163	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	157382	37.323	ng		98
12) 1,3-Dichlorobenzene	7.94	146	165171	37.575	ng		99
13) 1,4-Dichlorobenzene	8.09	146	168159	37.890	ng		99
14) 1,2-Dichlorobenzene	8.41	146	161067	38.001	ng		96
15) Benzyl Alcohol	8.29	79	165375	40.362	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	310712	36.538	ng		99
17) 2-Methylphenol	8.49	107	156327	44.263	ng		98
18) Hexachloroethane	9.13	117	60802	38.211	ng		92
19) n-Nitroso-di-n-propylamine	8.86	70	137257	36.134	ng		94
20) 3+4-Methylphenols	8.82	107	221104	44.841	ng		99
22) Acetophenone	8.88	105	256036	39.829	ng	#	99
24) Nitrobenzene	9.26	77	207459	42.640	ng		95
25) Isophorone	9.78	82	390315	43.547	ng		98
26) 2-Nitrophenol	9.97	139	92303	47.876	ng		97
27) 2,4-Dimethylphenol	10.02	122	173908	48.722	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	229900	41.793	ng		98
29) 2,4-Dichlorophenol	10.50	162	186109	47.575	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	187360	40.941	ng		95
31) Naphthalene	10.91	128	534631	43.688	ng		99
32) Benzoic acid	10.14	122	63699	26.304	ng		95
33) 4-Chloroaniline	11.01	127	60891	10.858	ng		98
34) Hexachlorobutadiene	11.19	225	126494	41.140	ng		97
35) Caprolactam	11.79	113	64491	41.384	ng		97
36) 4-Chloro-3-methylphenol	12.13	107	210882	46.394	ng		99
37) 2-Methylnaphthalene	12.51	142	415639	46.419	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	244496	41.628	ng		99
40) Hexachlorocyclopentadiene	12.85	237	283330	92.716	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	164729	46.043 ng	95
43) 2,4,5-Trichlorophenol	13.18	196	175316	45.942 ng	99
45) 1,1'-Biphenyl	13.51	154	546030	39.635 ng	99
46) 2-Chloronaphthalene	13.55	162	427153	40.615 ng	99
47) 2-Nitroaniline	13.75	65	147673	44.715 ng	98
48) Acenaphthylene	14.40	152	720498	43.835 ng	99
49) Dimethylphthalate	14.13	163	572676	42.258 ng	98
50) 2,6-Dinitrotoluene	14.25	165	125705	45.078 ng	98
51) Acenaphthene	14.75	154	444276	42.205 ng	99
52) 3-Nitroaniline	14.57	138	60707	20.201 ng	97
53) 2,4-Dinitrophenol	14.78	184	38888	36.816 ng	93
54) Dibenzofuran	15.07	168	681112	41.300 ng	99
55) 4-Nitrophenol	14.88	139	164646	67.009 ng	97
56) 2,4-Dinitrotoluene	15.03	165	171557	47.204 ng	91
57) Fluorene	15.73	166	548894	44.522 ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	169141	47.176 ng	96
59) Diethylphthalate	15.49	149	560061	41.007 ng	98
60) 4-Chlorophenyl-phenylether	15.71	204	314327	41.289 ng	98
61) 4-Nitroaniline	15.74	138	130057	41.358 ng	95
62) Azobenzene	16.01	77	555359	39.965 ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	54961	30.952 ng	97
65) n-Nitrosodiphenylamine	15.93	169	498295	41.487 ng	98
66) 4-Bromophenyl-phenylether	16.61	248	204558	43.223 ng	100
67) Hexachlorobenzene	16.73	284	207785	42.937 ng	98
68) Atrazine	16.88	200	207141	45.947 ng	99
69) Pentachlorophenol	17.07	266	202751	61.646 ng	96
70) Phenanthrene	17.47	178	891361	43.397 ng	98
71) Anthracene	17.55	178	905799	44.241 ng	99
72) Carbazole	17.82	167	792876	38.776 ng	99
73) Di-n-butylphthalate	18.38	149	890063	39.090 ng	99
74) Fluoranthene	19.47	202	1090840	43.560 ng	99
76) Benzidine	19.65	184	220065	16.716 ng	99
77) Pyrene	19.83	202	1087069	42.841 ng	99
79) Butylbenzylphthalate	20.71	149	429057	42.488 ng	93
80) Benzo(a)anthracene	21.67	228	1099411	43.980 ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	166615	16.724 ng	99
82) Chrysene	21.73	228	1022209	43.141 ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	590073	41.757 ng	99
84) Di-n-octyl phthalate	22.78	149	991795	42.019 ng	97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1058132	38.448 ng	97
87) Benzo(b)fluoranthene	23.88	252	1098771	46.441 ng	96
88) Benzo(k)fluoranthene	23.94	252	1052663	45.542 ng	98
89) Benzo(a)pyrene	24.74	252	1046109	46.013 ng	100
90) Dibenzo(a,h)anthracene	28.60	278	784791	35.756 ng	97
91) Benzo(g,h,i)perylene	29.67	276	884762	40.114 ng	97

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

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