Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
Data File : BG036639.D
Acq On : 11 Sep 2018 00:12
Operator : JU/SJ
Sample : PB112736BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112736BS

Quant Time: Sep 11 01:56:51 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	53035	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	233253	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	159582	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	398585	20.00	ng		0.00
75) Chrysene-d12	21.69	240	395260	20.00	ng		0.00
86) Perylene-d12	24.89	264	412028	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	444625	132.99	ng		0.00
7) Phenol-d6	7.21	99	632320	132.10	ng		0.00
23) Nitrobenzene-d5	9.22	82	383377	89.18	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	270069	141.83	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	919159	82.24	ng		0.00
78) Terphenyl-d14	20.03	244	1494345	88.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	49111	31.476	ng		98
3) Pyridine	3.92	79	154903	35.369	ng		99
4) n-Nitrosodimethylamine	3.84	42	85762	43.965	ng	#	94
6) Aniline	7.38	93	244734	40.279	ng		96
8) 2-Chlorophenol	7.62	128	177518	48.962	ng		96
9) Benzaldehyde	7.19	77	94631	28.708	ng		93
10) Phenol	7.24	94	250302	49.967	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	169682	42.727	ng		97
12) 1,3-Dichlorobenzene	7.95	146	172449	41.655	ng		99
13) 1,4-Dichlorobenzene	8.09	146	178193	42.632	ng		98
14) 1,2-Dichlorobenzene	8.41	146	169404	42.438	ng		97
15) Benzyl Alcohol	8.29	79	179488	46.513	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	326289	40.741	ng		97
17) 2-Methylphenol	8.49	107	168133	50.548	ng		98
18) Hexachloroethane	9.14	117	64657	43.145	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	147118	41.123	ng		96
20) 3+4-Methylphenols	8.82	107	231065	49.757	ng		99
22) Acetophenone	8.88	105	275939	45.050	ng		99
24) Nitrobenzene	9.26	77	221115	47.697	ng		99
25) Isophorone	9.78	82	419759	49.150	ng		97
26) 2-Nitrophenol	9.97	139	98958	53.869	ng		98
27) 2,4-Dimethylphenol	10.03	122	184129	54.139	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	247100	47.144	ng		98
29) 2,4-Dichlorophenol	10.50	162	200498	53.791	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	202122	46.354	ng		99
31) Naphthalene	10.91	128	567979	48.711	ng		99
32) Benzoic acid	10.15	122	77573	32.373	ng		98
33) 4-Chloroaniline	11.01	127	187797	35.147	ng		97
34) Hexachlorobutadiene	11.20	225	134005	45.741	ng		98
35) Caprolactam	11.80	113	72968	49.142	ng		96
36) 4-Chloro-3-methylphenol	12.13	107	221910	51.237	ng		100
37) 2-Methylnaphthalene	12.51	142	457232	53.592	ng		100
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	262212	46.430	ng		99
40) Hexachlorocyclopentadiene	12.86	237	307865	104.775	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	178034	51.752	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	189122	51.542	ng		97
45) 1,1'-Biphenyl	13.52	154	586119	44.247	ng		99
46) 2-Chloronaphthalene	13.56	162	459132	45.402	ng		99
47) 2-Nitroaniline	13.76	65	159390	50.193	ng		94
48) Acenaphthylene	14.40	152	770660	48.762	ng		100
49) Dimethylphthalate	14.13	163	621611	47.703	ng		99
50) 2,6-Dinitrotoluene	14.25	165	136159	50.779	ng		96
51) Acenaphthene	14.74	154	474178	46.847	ng		99
52) 3-Nitroaniline	14.58	138	120690	41.768	ng		95
53) 2,4-Dinitrophenol	14.79	184	48635	47.886	ng		96
54) Dibenzofuran	15.08	168	733162	46.234	ng		99
55) 4-Nitrophenol	14.89	139	190736	80.733	ng		98
56) 2,4-Dinitrotoluene	15.04	165	187954	53.784	ng		90
57) Fluorene	15.73	166	596041	50.280	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	186413	54.073	ng		96
59) Diethylphthalate	15.50	149	606623	46.193	ng		100
60) 4-Chlorophenyl-phenylether	15.72	204	347722	47.502	ng		96
61) 4-Nitroaniline	15.74	138	145174	48.012	ng		98
62) Azobenzene	16.01	77	598281	44.776	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	65594	37.463	ng		92
65) n-Nitrosodiphenylamine	15.93	169	537912	45.419	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	224205	48.044	ng		98
67) Hexachlorobenzene	16.73	284	227903	47.761	ng		97
68) Atrazine	16.88	200	228921	51.496	ng		97
69) Pentachlorophenol	17.07	266	230276	71.005	ng		96
70) Phenanthrene	17.46	178	984286	48.599	ng		97
71) Anthracene	17.56	178	993106	49.191	ng		97
72) Carbazole	17.82	167	868833	43.092	ng		100
73) Di-n-butylphthalate	18.38	149	997779	44.440	ng		100
74) Fluoranthene	19.47	202	1182541	47.890	ng		98
76) Benzidine	19.64	184	588694	46.683	ng		99
77) Pyrene	19.83	202	1173079	48.263	ng		99
79) Butylbenzylphthalate	20.71	149	457979	47.345	ng		97
80) Benzo(a)anthracene	21.67	228	1169951	48.859	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	343541	35.998	ng		99
82) Chrysene	21.74	228	1101622	48.536	ng		97
83) Bis(2-ethylhexyl)phthalate	21.58	149	625944	46.242	ng		99
84) Di-n-octyl phthalate	22.79	149	1058812	46.830	ng		97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1166300	44.241	ng	#	96
87) Benzo(b)fluoranthene	23.88	252	1183561	51.729	ng		97
88) Benzo(k)fluoranthene	23.95	252	1120799	50.142	ng		98
89) Benzo(a)pyrene	24.75	252	1145595	52.105	ng		99
90) Dibenzo(a,h)anthracene	28.62	278	920496	43.368	ng		97
91) Benzo(g,h,i)perylene	29.69	276	973949	45.662	ng		98

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

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