Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036706.D
Acq On : 14 Sep 2018 13:54
Operator : JU/SJ
Sample : J4866-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DPT-SB-E1-180911MS

Quant Time: Sep 14 17:13:32 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	73662	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	327527	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	198111	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	427235	20.00	ng		0.00
75) Chrysene-d12	21.69	240	406615	20.00	ng		0.00
86) Perylene-d12	24.89	264	426611	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	321778	69.29	ng		0.00
7) Phenol-d6	7.21	99	458057	68.90	ng		0.00
23) Nitrobenzene-d5	9.21	82	283980	47.04	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	164922	69.77	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	606111	43.68	ng		0.00
78) Terphenyl-d14	20.02	244	832177	47.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	35076	16.185	ng		98
3) Pyridine	3.92	79	103848	17.072	ng		98
4) n-Nitrosodimethylamine	3.84	42	59862	22.094	ng		98
6) Aniline	7.37	93	143013	16.946	ng		97
8) 2-Chlorophenol	7.61	128	126364	25.093	ng		95
9) Benzaldehyde	7.19	77	66191	14.457	ng		98
10) Phenol	7.24	94	180784	25.984	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	126892	23.005	ng		98
12) 1,3-Dichlorobenzene	7.94	146	133900	23.286	ng		96
13) 1,4-Dichlorobenzene	8.09	146	136958	23.591	ng		96
14) 1,2-Dichlorobenzene	8.41	146	132511	23.900	ng		98
15) Benzyl Alcohol	8.28	79	126791	23.656	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	245963	22.111	ng		99
17) 2-Methylphenol	8.48	107	121745	26.352	ng		97
18) Hexachloroethane	9.14	117	49833	23.941	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	109038	21.944	ng		94
20) 3+4-Methylphenols	8.81	107	163164	25.297	ng		98
22) Acetophenone	8.87	105	201803	23.464	ng	#	98
24) Nitrobenzene	9.25	77	161701	24.841	ng		93
25) Isophorone	9.78	82	304207	25.367	ng		96
26) 2-Nitrophenol	9.96	139	71401	27.680	ng		96
27) 2,4-Dimethylphenol	10.02	122	127567	26.712	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	180378	24.508	ng		98
29) 2,4-Dichlorophenol	10.50	162	137144	26.203	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	149543	24.424	ng		95
31) Naphthalene	10.91	128	423884	25.890	ng		97
32) Benzoic acid	10.09	122	7804	6.478	ng		90
33) 4-Chloroaniline	11.01	127	130936	17.452	ng		99
34) Hexachlorobutadiene	11.19	225	100726	24.485	ng		98
35) Caprolactam	11.77	113	44243	21.220	ng		89
36) 4-Chloro-3-methylphenol	12.13	107	146764	24.133	ng		99
37) 2-Methylnaphthalene	12.51	142	328133	27.390	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	188231	26.848	ng		99
40) Hexachlorocyclopentadiene	12.86	237	165010	45.236	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	120132	28.129 ng	94
43) 2,4,5-Trichlorophenol	13.18	196	125962	27.653 ng	96
45) 1,1'-Biphenyl	13.51	154	405753	24.674 ng	98
46) 2-Chloronaphthalene	13.55	162	316760	25.231 ng	99
47) 2-Nitroaniline	13.75	65	101542	25.757 ng	94
48) Acenaphthylene	14.40	152	516497	26.325 ng	100
49) Dimethylphthalate	14.13	163	556289	34.388 ng	100
50) 2,6-Dinitrotoluene	14.25	165	87031	26.145 ng	91
51) Acenaphthene	14.74	154	319532	25.429 ng	99
52) 3-Nitroaniline	14.58	138	75951	21.173 ng	96
53) 2,4-Dinitrophenol	14.78	184	42427	33.649 ng	94
54) Dibenzofuran	15.07	168	481927	24.480 ng	98
55) 4-Nitrophenol	14.88	139	121409	41.394 ng	99
56) 2,4-Dinitrotoluene	15.03	165	114364	26.361 ng	90
57) Fluorene	15.72	166	371621	25.252 ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	113704	26.568 ng	96
59) Diethylphthalate	15.49	149	385022	23.617 ng	100
60) 4-Chlorophenyl-phenylether	15.71	204	211912	23.319 ng	98
61) 4-Nitroaniline	15.73	138	87232	23.239 ng	95
62) Azobenzene	16.00	77	376924	22.723 ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	52499	27.973 ng	98
65) n-Nitrosodiphenylamine	15.93	169	335560	26.433 ng	96
66) 4-Bromophenyl-phenylether	16.61	248	133045	26.598 ng	97
67) Hexachlorobenzene	16.73	284	133026	26.008 ng	96
68) Atrazine	16.87	200	132883	27.888 ng	99
69) Pentachlorophenol	17.07	266	150310	43.240 ng	96
70) Phenanthrene	17.46	178	568856	26.204 ng	99
71) Anthracene	17.55	178	580924	26.845 ng	100
72) Carbazole	17.82	167	507198	23.469 ng	97
73) Di-n-butylphthalate	18.38	149	560260	23.280 ng	99
74) Fluoranthene	19.47	202	650032	24.559 ng	98
76) Benzidine	19.64	184	283893	21.884 ng	99
77) Pyrene	19.83	202	645927	25.833 ng	99
79) Butylbenzylphthalate	20.71	149	249461	25.069 ng	94
80) Benzo(a)anthracene	21.66	228	642245	26.072 ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	166317	16.941 ng	98
82) Chrysene	21.73	228	602575	25.807 ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	479724	34.450 ng	99
84) Di-n-octyl phthalate	22.78	149	603601	25.951 ng	98
85) Indeno(1,2,3-cd)pyrene	28.53	276	675272	24.900 ng	98
87) Benzo(b)fluoranthene	23.87	252	621872	26.251 ng	99
88) Benzo(k)fluoranthene	23.94	252	605599	26.167 ng	99
89) Benzo(a)pyrene	24.74	252	600681	26.387 ng	98
90) Dibenzo(a,h)anthracene	28.59	278	524374	23.861 ng	99
91) Benzo(g,h,i)perylene	29.67	276	566496	25.651 ng	96

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

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