Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091318\
Data File : BG036697.D
Acq On : 14 Sep 2018 00:31
Operator : JU/SJ
Sample : PB112803BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112803BS

Quant Time: Sep 14 01:25:25 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	8.06	152	59580	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	255112	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	174042	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	417232	20.00	ng	0.00
75) Chrysene-d12	21.69	240	413861	20.00	ng	0.00
86) Perylene-d12	24.89	264	431684	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	349399	93.03	ng	0.00
7) Phenol-d6	7.21	99	503433	93.62	ng	0.00
23) Nitrobenzene-d5	9.21	82	448633	95.41	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	211777	101.98	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1053308	86.41	ng	0.00
78) Terphenyl-d14	20.02	244	1646072	92.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	48181	27.487	ng	97
3) Pyridine	3.92	79	154032	31.306	ng	99
4) n-Nitrosodimethylamine	3.84	42	87085	39.739	ng	96
6) Aniline	7.37	93	213090	31.218	ng	99
8) 2-Chlorophenol	7.61	128	178135	43.735	ng	97
9) Benzaldehyde	7.19	77	89476	24.162	ng	99
10) Phenol	7.24	94	255884	45.470	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	170621	38.243	ng	100
12) 1,3-Dichlorobenzene	7.94	146	173936	37.399	ng	98
13) 1,4-Dichlorobenzene	8.08	146	179093	38.140	ng	98
14) 1,2-Dichlorobenzene	8.41	146	170947	38.120	ng	97
15) Benzyl Alcohol	8.28	79	182531	42.106	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	331357	36.828	ng	98
17) 2-Methylphenol	8.49	107	169905	45.469	ng	97
18) Hexachloroethane	9.14	117	65581	38.954	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	153724	38.250	ng	96
20) 3+4-Methylphenols	8.81	107	241183	46.231	ng	99
22) Acetophenone	8.87	105	276900	41.334	ng	99
24) Nitrobenzene	9.25	77	226160	44.605	ng	99
25) Isophorone	9.78	82	431456	46.191	ng	99
26) 2-Nitrophenol	9.97	139	100950	50.245	ng	100
27) 2,4-Dimethylphenol	10.02	122	195548	52.570	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	249534	43.529	ng	98
29) 2,4-Dichlorophenol	10.50	162	205450	50.397	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	202815	42.528	ng	99
31) Naphthalene	10.91	128	576743	45.225	ng	99
32) Benzoic acid	10.16	122	107371	39.780	ng	98
33) 4-Chloroaniline	11.01	127	134161	22.958	ng	99
34) Hexachlorobutadiene	11.19	225	132806	41.447	ng	98
35) Caprolactam	11.79	113	73312	45.143	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	232295	49.040	ng	99
37) 2-Methylnaphthalene	12.51	142	457720	49.052	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	267729	43.469	ng	99
40) Hexachlorocyclopentadiene	12.86	237	316932	98.899	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	181433	48.358	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	196994	49.227	ng		99
45) 1,1'-Biphenyl	13.51	154	602199	41.684	ng		99
46) 2-Chloronaphthalene	13.55	162	465082	42.169	ng		99
47) 2-Nitroaniline	13.75	65	165811	47.877	ng		99
48) Acenaphthylene	14.40	152	793303	46.024	ng		100
49) Dimethylphthalate	14.13	163	630248	44.348	ng		99
50) 2,6-Dinitrotoluene	14.25	165	141385	48.348	ng		95
51) Acenaphthene	14.74	154	471752	42.735	ng		98
52) 3-Nitroaniline	14.58	138	104694	33.222	ng		99
53) 2,4-Dinitrophenol	14.78	184	93642	84.539	ng		98
54) Dibenzofuran	15.08	168	751009	43.425	ng		99
55) 4-Nitrophenol	14.88	139	202272	78.502	ng		99
56) 2,4-Dinitrotoluene	15.04	165	191350	50.206	ng		93
57) Fluorene	15.72	166	601564	46.529	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	192574	51.219	ng		95
59) Diethylphthalate	15.49	149	616024	43.012	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	347369	43.512	ng		98
61) 4-Nitroaniline	15.75	138	139396	42.271	ng		94
62) Azobenzene	16.01	77	617784	42.394	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	92123	50.263	ng		96
65) n-Nitrosodiphenylamine	15.93	169	548382	44.234	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	227094	46.489	ng		98
67) Hexachlorobenzene	16.73	284	230508	46.148	ng		96
68) Atrazine	16.87	200	227220	48.829	ng		99
69) Pentachlorophenol	17.07	266	262349	77.280	ng		96
70) Phenanthrene	17.46	178	985084	46.465	ng		99
71) Anthracene	17.56	178	995357	47.099	ng		98
72) Carbazole	17.82	167	861322	40.810	ng		99
73) Di-n-butylphthalate	18.38	149	978667	41.641	ng		99
74) Fluoranthene	19.47	202	1181208	45.698	ng		99
76) Benzidine	19.64	184	428233	32.432	ng		98
77) Pyrene	19.83	202	1163976	45.736	ng		97
79) Butylbenzylphthalate	20.71	149	463560	45.769	ng		97
80) Benzo(a)anthracene	21.66	228	1171229	46.714	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	287977	28.820	ng		96
82) Chrysene	21.73	228	1099888	46.281	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	632872	44.653	ng		99
84) Di-n-octyl phthalate	22.78	149	1070809	45.232	ng		97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1194370	43.270	ng		98
87) Benzo(b)fluoranthene	23.88	252	1169374	48.782	ng		97
88) Benzo(k)fluoranthene	23.94	252	1134222	48.432	ng		99
89) Benzo(a)pyrene	24.74	252	1124038	48.797	ng		99
90) Dibenzo(a,h)anthracene	28.60	278	988407	44.447	ng	#	96
91) Benzo(g,h,i)perylene	29.68	276	1013519	45.353	ng		96

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

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