Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
Data File : BG036671.D
Acq On : 12 Sep 2018 00:40
Operator : JU/SJ
Sample : PB112760BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB112760BSD

Quant Time: Sep 12 04:05:54 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	59724	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	264841	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	184978	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	434943	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	404969	20.00	ng		0.00
86) Perylene-d12	24.89	264	417361	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	384614	102.16	ng		0.00
7) Phenol-d6	7.21	99	545807	101.25	ng		0.00
23) Nitrobenzene-d5	9.22	82	479796	98.29	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	227781	103.20	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1147032	88.54	ng		0.00
78) Terphenyl-d14	20.03	244	1675074	96.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	50712	28.862	ng		96
3) Pyridine	3.92	79	159013	32.241	ng		95
4) n-Nitrosodimethylamine	3.83	42	85872	39.091	ng		99
6) Aniline	7.38	93	155343	22.703	ng		96
8) 2-Chlorophenol	7.62	128	195450	47.870	ng		97
9) Benzaldehyde	7.19	77	98658	26.578	ng		98
10) Phenol	7.24	94	279792	49.599	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	183442	41.018	ng		97
12) 1,3-Dichlorobenzene	7.94	146	185368	39.761	ng		99
13) 1,4-Dichlorobenzene	8.09	146	190501	40.472	ng		98
14) 1,2-Dichlorobenzene	8.41	146	184572	41.059	ng		99
15) Benzyl Alcohol	8.29	79	198592	45.700	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	339988	37.697	ng		97
17) 2-Methylphenol	8.49	107	189207	50.513	ng		99
18) Hexachloroethane	9.13	117	67111	39.767	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	164573	40.850	ng		93
20) 3+4-Methylphenols	8.82	107	258310	49.394	ng		99
22) Acetophenone	8.88	105	297566	42.787	ng	#	98
24) Nitrobenzene	9.26	77	242546	46.080	ng		94
25) Isophorone	9.78	82	463930	47.843	ng		98
26) 2-Nitrophenol	9.97	139	111911	53.654	ng		98
27) 2,4-Dimethylphenol	10.03	122	207954	53.852	ng		100
28) bis(2-Chloroethoxy)methane	10.26	93	273295	45.923	ng		99
29) 2,4-Dichlorophenol	10.50	162	226074	53.419	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	217308	43.893	ng		99
31) Naphthalene	10.91	128	622501	47.020	ng		99
32) Benzoic acid	10.16	122	105502	37.891	ng		97
33) 4-Chloroaniline	11.01	127	82472	13.594	ng		99
34) Hexachlorobutadiene	11.19	225	146354	43.998	ng		99
35) Caprolactam	11.80	113	83463	49.506	ng		98
36) 4-Chloro-3-methylphenol	12.13	107	249625	50.762	ng		99
37) 2-Methylnaphthalene	12.51	142	496781	51.283	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	284212	43.417	ng		97
40) Hexachlorocyclopentadiene	12.86	237	351457	103.189	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	199435	50.014	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	211430	49.711	ng		99
45) 1,1'-Biphenyl	13.51	154	655036	42.660	ng		99
46) 2-Chloronaphthalene	13.56	162	507802	43.321	ng		100
47) 2-Nitroaniline	13.76	65	174188	47.322	ng		93
48) Acenaphthylene	14.40	152	861384	47.020	ng		100
49) Dimethylphthalate	14.13	163	694155	45.957	ng		99
50) 2,6-Dinitrotoluene	14.25	165	154041	49.561	ng		90
51) Acenaphthene	14.75	154	511359	43.584	ng		98
52) 3-Nitroaniline	14.57	138	80678	24.088	ng		100
53) 2,4-Dinitrophenol	14.79	184	77115	65.503	ng		91
54) Dibenzofuran	15.07	168	815215	44.351	ng		99
55) 4-Nitrophenol	14.88	139	209416	76.470	ng		99
56) 2,4-Dinitrotoluene	15.04	165	204846	50.570	ng		88
57) Fluorene	15.73	166	647046	47.089	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	207158	51.840	ng		97
59) Diethylphthalate	15.49	149	671341	44.103	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	381242	44.931	ng		98
61) 4-Nitroaniline	15.74	138	149210	42.572	ng		98
62) Azobenzene	16.01	77	655852	42.346	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	87416	45.753	ng		96
65) n-Nitrosodiphenylamine	15.93	169	588943	45.571	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	247526	48.608	ng		99
67) Hexachlorobenzene	16.73	284	250049	48.021	ng		95
68) Atrazine	16.88	200	239416	49.355	ng		98
69) Pentachlorophenol	17.07	266	265451	75.009	ng		97
70) Phenanthrene	17.47	178	1030067	46.608	ng		98
71) Anthracene	17.55	178	1044900	47.430	ng		99
72) Carbazole	17.82	167	879159	39.959	ng		100
73) Di-n-butylphthalate	18.38	149	1007412	41.118	ng		99
74) Fluoranthene	19.47	202	1188677	44.114	ng		99
76) Benzidine	19.65	184	316331	24.483	ng		99
77) Pyrene	19.83	202	1169060	46.944	ng		98
79) Butylbenzylphthalate	20.71	149	460723	46.487	ng		95
80) Benzo(a)anthracene	21.67	228	1177849	48.009	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	229550	23.477	ng		98
82) Chrysene	21.74	228	1094913	47.084	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	635507	45.823	ng		100
84) Di-n-octyl phthalate	22.78	149	1070143	46.197	ng		97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1224974	45.353	ng	#	95
87) Benzo(b)fluoranthene	23.88	252	1181442	50.977	ng		98
88) Benzo(k)fluoranthene	23.95	252	1120310	49.479	ng		98
89) Benzo(a)pyrene	24.75	252	1122482	50.402	ng		97
90) Dibenzo(a,h)anthracene	28.61	278	977169	45.450	ng		98
91) Benzo(g,h,i)perylene	29.69	276	1037834	48.035	ng		97

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

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