Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032006.D
Acq On : 12 Jan 2018 17:29
Operator : SJ/JU
Sample : PB105600BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105600BS

Quant Time: Jan 13 03:06:09 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	58471	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	240942	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	162279	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	398996	20.00	ng		0.00
75) Chrysene-d12	22.48	240	467843	20.00	ng		0.00
86) Perylene-d12	26.20	264	509102	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	427385	133.68	ng		0.00
7) Phenol-d6	7.88	99	536408	133.22	ng		0.00
23) Nitrobenzene-d5	9.97	82	296354	83.21	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	336410	125.28	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	1037788	79.30	ng		0.00
78) Terphenyl-d14	20.67	244	1835132	86.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	37175	30.267	ng	#	73
3) Pyridine	4.30	79	103461	31.558	ng	#	82
4) n-Nitrosodimethylamine	4.20	42	48709	42.290	ng	#	80
6) Aniline	8.06	93	97039	19.107	ng	#	89
8) 2-Chlorophenol	8.32	128	157010	43.889	ng	#	79
9) Benzaldehyde	7.87	77	26218	11.238	ng		84
10) Phenol	7.91	94	178443	44.990	ng		91
11) bis(2-Chloroethyl)ether	8.16	93	122283	38.482	ng	#	83
12) 1,3-Dichlorobenzene	8.66	146	172644	36.873	ng	#	93
13) 1,4-Dichlorobenzene	8.81	146	173400	36.782	ng		93
14) 1,2-Dichlorobenzene	9.14	146	167404	36.714	ng		97
15) Benzyl Alcohol	9.00	79	124991	42.732	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.30	45	126726	39.242	ng		82
17) 2-Methylphenol	9.20	107	126204	41.635	ng		97
18) Hexachloroethane	9.90	117	54879	37.878	ng	#	78
19) n-Nitroso-di-n-propylamine	9.59	70	96532	38.640	ng	#	83
20) 3+4-Methylphenols	9.54	107	173375	41.288	ng		97
22) Acetophenone	9.62	105	217209	39.687	ng	#	87
24) Nitrobenzene	10.01	77	142103	40.002	ng	#	83
25) Isophorone	10.54	82	271971	41.013	ng	#	85
26) 2-Nitrophenol	10.74	139	91223	43.338	ng	#	82
27) 2,4-Dimethylphenol	10.77	122	158559	47.469	ng		91
28) bis(2-Chloroethoxy)methane	11.02	93	174829	43.758	ng	#	95
29) 2,4-Dichlorophenol	11.28	162	186091	45.276	ng		92
30) 1,2,4-Trichlorobenzene	11.51	180	205617	38.737	ng		97
31) Naphthalene	11.71	128	467909	39.202	ng		99
32) Benzoic acid	10.89	122	90711	35.402	ng	#	74
33) 4-Chloroaniline	11.80	127	86041	16.810	ng	#	91
34) Hexachlorobutadiene	11.98	225	138603	36.355	ng		95
35) Caprolactam	12.55	113	55892	44.825	ng	#	47
36) 4-Chloro-3-methylphenol	12.87	107	163705	43.515	ng	#	83
37) 2-Methylnaphthalene	13.27	142	387257	40.867	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	273914	38.723	ng	#	97
40) Hexachlorocyclopentadiene	13.60	237	367926	92.347	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	172505	43.402	ng		97
43) 2,4,5-Trichlorophenol	13.92	196	182256	39.616	ng	#	88
45) 1,1'-Biphenyl	14.25	154	551349	39.632	ng		95
46) 2-Chloronaphthalene	14.30	162	414902	38.337	ng		96
47) 2-Nitroaniline	14.49	65	87907	42.429	ng	#	60
48) Acenaphthylene	15.13	152	621046	37.684	ng		99
49) Dimethylphthalate	14.83	163	547871	38.580	ng		99
50) 2,6-Dinitrotoluene	14.96	165	124092	42.100	ng	#	67
51) Acenaphthene	15.47	154	457224	41.957	ng		98
52) 3-Nitroaniline	15.29	138	58057	21.808	ng	#	73
53) 2,4-Dinitrophenol	15.49	184	123261	83.070	ng	#	65
54) Dibenzofuran	15.80	168	651721	40.090	ng		99
55) 4-Nitrophenol	15.57	139	183877	94.775	ng	#	73
56) 2,4-Dinitrotoluene	15.74	165	173488	43.717	ng	#	66
57) Fluorene	16.44	166	524146	39.313	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.01	232	189263	44.471	ng	#	86
59) Diethylphthalate	16.18	149	533356	38.742	ng		96
60) 4-Chlorophenyl-phenylether	16.42	204	328717	40.192	ng		92
61) 4-Nitroaniline	16.45	138	97007	37.986	ng		81
62) Azobenzene	16.71	77	348007	40.387	ng		85
64) 4,6-Dinitro-2-methylphenol	16.50	198	89036	36.200	ng	#	67
65) n-Nitrosodiphenylamine	16.63	169	484653	40.030	ng		99
66) 4-Bromophenyl-phenylether	17.31	248	231681	40.811	ng		94
67) Hexachlorobenzene	17.44	284	240156	38.237	ng	#	90
68) Atrazine	17.55	200	218172	42.849	ng		98
69) Pentachlorophenol	17.78	266	310686	77.390	ng		100
70) Phenanthrene	18.18	178	891664	40.139	ng		100
71) Anthracene	18.27	178	906659	40.921	ng		99
72) Carbazole	18.53	167	782183	40.695	ng		99
73) Di-n-butylphthalate	19.03	149	911311	40.125	ng		100
74) Fluoranthene	20.14	202	1146089	41.206	ng		95
76) Benzidine	20.30	184	243884	20.847	ng		97
77) Pyrene	20.50	202	1158910	39.405	ng		97
79) Butylbenzylphthalate	21.36	149	422926	40.136	ng	#	75
80) Benzo(a)anthracene	22.46	228	1187335	40.808	ng		99
81) 3,3'-Dichlorobenzidine	22.34	252	262540	24.155	ng	#	98
82) Chrysene	22.53	228	1110999	39.761	ng		98
83) Bis(2-ethylhexyl)phthalate	22.30	149	595730	38.553	ng	#	96
84) Di-n-octyl phthalate	23.69	149	1034558	42.155	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.51	276	1439923	42.109	ng	#	88
87) Benzo(b)fluoranthene	25.00	252	1272336	41.347	ng	#	96
88) Benzo(k)fluoranthene	25.09	252	1235264	41.080	ng	#	96
89) Benzo(a)pyrene	26.03	252	1222545	41.998	ng	#	97
90) Dibenzo(a,h)anthracene	30.60	278	1168808	41.667	ng	#	97
91) Benzo(g,h,i)perylene	31.87	276	1218714	42.507	ng	#	93

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

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