Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033707.D
Acq On : 10 Apr 2018 8:55
Operator : SJ/JU
Sample : PB108084BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108084BS

Manual Integrations APPROVED
Sohil
4/10/2018 3:37:01 PM

Quant Time: Apr 10 11:01:07 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38436	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	157136	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	111404	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	296198	20.00	ng		0.00
75) Chrysene-d12	22.55	240	312293	20.00	ng		-0.01
86) Perylene-d12	26.31	264	339616	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	332730	162.32	ng		0.00
7) Phenol-d6	7.97	99	502758	142.75	ng		0.00
23) Nitrobenzene-d5	10.06	82	307974	90.05	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	219948	132.01	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	706861	91.60	ng		0.00
78) Terphenyl-d14	20.73	244	1325387	90.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	43417	41.709	ng	#	87
3) Pyridine	4.38	79	123711m	42.991	ng		
4) n-Nitrosodimethylamine	4.29	42	65681m	55.619	ng		
6) Aniline	8.16	93	62566	15.106	ng		93
8) 2-Chlorophenol	8.41	128	113912	48.611	ng		96
9) Benzaldehyde	7.97	77	32667m	14.595	ng		
10) Phenol	8.00	94	167702	48.228	ng		89
11) bis(2-Chloroethyl)ether	8.24	93	116829	41.162	ng		99
12) 1,3-Dichlorobenzene	8.74	146	123667	40.366	ng		94
13) 1,4-Dichlorobenzene	8.89	146	120296	39.207	ng		97
14) 1,2-Dichlorobenzene	9.22	146	123451	41.225	ng		95
15) Benzyl Alcohol	9.09	79	125613	45.299	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.38	45	203186	43.914	ng		94
17) 2-Methylphenol	9.29	107	103936m	43.877	ng		
18) Hexachloroethane	9.97	117	49007	41.384	ng		95
19) n-Nitroso-di-n-propylamine	9.66	70	102911	39.876	ng		97
20) 3+4-Methylphenols	9.63	107	145364	43.100	ng		88
22) Acetophenone	9.70	105	189531	44.026	ng	#	95
24) Nitrobenzene	10.10	77	157674	43.071	ng		91
25) Isophorone	10.62	82	295985	44.589	ng		100
26) 2-Nitrophenol	10.83	139	63102	45.529	ng	#	80
27) 2,4-Dimethylphenol	10.86	122	111798	55.527	ng		86
28) bis(2-Chloroethoxy)methane	11.10	93	154526	46.656	ng		99
29) 2,4-Dichlorophenol	11.37	162	118755	47.961	ng		96
30) 1,2,4-Trichlorobenzene	11.59	180	128259	39.869	ng		97
31) Naphthalene	11.79	128	344170	42.267	ng		99
32) Benzoic acid	10.99	122	44230	23.631	ng	#	88
33) 4-Chloroaniline	11.90	127	42699	11.704	ng	#	92
34) Hexachlorobutadiene	12.05	225	96702	39.749	ng		90
35) Caprolactam	12.64	113	45462	46.866	ng		98
36) 4-Chloro-3-methylphenol	12.96	107	152948	47.360	ng		92
37) 2-Methylnaphthalene	13.34	142	269551	42.649	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	173338	42.955	ng		98
40) Hexachlorocyclopentadiene	13.66	237	197417	83.453	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	109641	46.764	ng		99
43) 2,4,5-Trichlorophenol	14.01	196	125655	45.342	ng		98
45) 1,1'-Biphenyl	14.32	154	375163	43.833	ng		95
46) 2-Chloronaphthalene	14.37	162	285954	43.331	ng		95
47) 2-Nitroaniline	14.56	65	117808	47.660	ng		93
48) Acenaphthylene	15.20	152	473861	43.017	ng		99
49) Dimethylphthalate	14.90	163	423501	43.682	ng		99
50) 2,6-Dinitrotoluene	15.03	165	91965	46.391	ng		96
51) Acenaphthene	15.54	154	309794	43.626	ng		97
52) 3-Nitroaniline	15.37	138	41056	19.754	ng	#	92
53) 2,4-Dinitrophenol	15.57	184	40821	43.607	ng	#	78
54) Dibenzofuran	15.87	168	467837	44.602	ng		91
55) 4-Nitrophenol	15.66	139	136428	93.352	ng	#	79
56) 2,4-Dinitrotoluene	15.82	165	134065	45.930	ng		95
57) Fluorene	16.51	166	391346	43.794	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.08	232	124666	47.785	ng		98
59) Diethylphthalate	16.24	149	419279	44.537	ng		99
60) 4-Chlorophenyl-phenylether	16.49	204	224517	43.707	ng		96
61) 4-Nitroaniline	16.53	138	91046	43.259	ng		88
62) Azobenzene	16.78	77	423955	46.489	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	53763	30.341	ng		95
65) n-Nitrosodiphenylamine	16.70	169	359180	42.476	ng		98
66) 4-Bromophenyl-phenylether	17.38	248	142256	40.895	ng		95
67) Hexachlorobenzene	17.51	284	151629	41.303	ng		94
68) Atrazine	17.62	200	159324	46.497	ng		98
69) Pentachlorophenol	17.84	266	162883	64.643	ng		98
70) Phenanthrene	18.25	178	670682	43.477	ng		99
71) Anthracene	18.34	178	709139	45.402	ng		98
72) Carbazole	18.59	167	621774	44.923	ng		98
73) Di-n-butylphthalate	19.09	149	757812	47.039	ng	#	98
74) Fluoranthene	20.20	202	880003	46.099	ng		98
76) Benzidine	20.36	184	255973	30.225	ng		99
77) Pyrene	20.56	202	882085	42.351	ng		98
79) Butylbenzylphthalate	21.41	149	343860	44.738	ng		95
80) Benzo(a)anthracene	22.53	228	860280	43.262	ng		99
81) 3,3'-Dichlorobenzidine	22.41	252	132531	18.729	ng		99
82) Chrysene	22.61	228	824397	42.828	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	485195	45.794	ng		98
84) Di-n-octyl phthalate	23.74	149	840808	51.830	ng		100
85) Indeno(1,2,3-cd)pyrene	30.69	276	980060	47.091	ng		96
87) Benzo(b)fluoranthene	25.10	252	837642	42.691	ng	#	98
88) Benzo(k)fluoranthene	25.18	252	879645	44.327	ng		97
89) Benzo(a)pyrene	26.14	252	845242	44.857	ng	#	96
90) Dibenzo(a,h)anthracene	30.75	278	808793	45.568	ng		97
91) Benzo(g,h,i)perylene	32.06	276	813125	46.263	ng		98

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

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