Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033247.D
Acq On : 19 Mar 2018 19:42
Operator : SJ/JU
Sample : PB107449BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 20 11:47:17 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 16:48:53 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB107449BS

Manual Integrations APPROVED
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3/20/2018 6:29:37 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	39383	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	177642	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	133008	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	344334	20.00	ng		0.00
75) Chrysene-d12	22.59	240	345844	20.00	ng		0.00
86) Perylene-d12	26.39	264	371648	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	248507	118.32	ng		0.00
7) Phenol-d6	8.00	99	394954	109.44	ng		0.00
23) Nitrobenzene-d5	10.10	82	375657	97.16	ng		0.00
41) 2,4,6-Tribromophenol	16.98	330	203037	102.07	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	915692	99.39	ng		0.00
78) Terphenyl-d14	20.76	244	1535946	94.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.94	88	39669	37.192	ng		85
3) Pyridine	4.40	79	106367	36.075	ng		98
4) n-Nitrosodimethylamine	4.31	42	62067	51.295	ng	#	87
6) Aniline	8.19	93	154438	36.391	ng		96
8) 2-Chlorophenol	8.44	128	133135	55.448	ng		96
9) Benzaldehyde	8.00	77	44635m	19.463	ng		
10) Phenol	8.02	94	190516	53.471	ng		91
11) bis(2-Chloroethyl)ether	8.28	93	129728	44.608	ng		94
12) 1,3-Dichlorobenzene	8.78	146	131212m	41.798	ng		
13) 1,4-Dichlorobenzene	8.93	146	137449	43.720	ng		96
14) 1,2-Dichlorobenzene	9.26	146	130854	42.646	ng		95
15) Benzyl Alcohol	9.13	79	147155	51.792	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.42	45	210374	44.374	ng		89
17) 2-Methylphenol	9.33	107	115449	47.565	ng	#	88
18) Hexachloroethane	10.01	117	53777	44.320	ng		95
19) n-Nitroso-di-n-propylamine	9.70	70	119573	45.218	ng	#	98
20) 3+4-Methylphenols	9.66	107	176198	50.986	ng		93
22) Acetophenone	9.73	105	204065	41.930	ng	#	97
24) Nitrobenzene	10.14	77	183812	44.415	ng		92
25) Isophorone	10.66	82	346641	46.193	ng		98
26) 2-Nitrophenol	10.87	139	78526	50.118	ng	#	79
27) 2,4-Dimethylphenol	10.90	122	133693	58.737	ng		92
28) bis(2-Chloroethoxy)methane	11.14	93	184572	49.295	ng		95
29) 2,4-Dichlorophenol	11.41	162	152284	54.403	ng		99
30) 1,2,4-Trichlorobenzene	11.63	180	155207	42.676	ng		99
31) Naphthalene	11.83	128	404710	43.964	ng		99
32) Benzoic acid	11.03	122	101383m	47.914	ng		
33) 4-Chloroaniline	11.92	127	124502	30.188	ng	#	91
34) Hexachlorobutadiene	12.09	225	111013	40.364	ng		93
35) Caprolactam	12.68	113	52517	47.890	ng		93
36) 4-Chloro-3-methylphenol	12.99	107	194313	53.223	ng		97
37) 2-Methylnaphthalene	13.38	142	324473	45.413	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	209269	43.436	ng		97
40) Hexachlorocyclopentadiene	13.71	237	297193	105.224	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	139753	49.926	ng		93
43) 2,4,5-Trichlorophenol	14.03	196	164809	49.811	ng		98
45) 1,1'-Biphenyl	14.35	154	456300	44.653	ng		97
46) 2-Chloronaphthalene	14.41	162	355398	45.106	ng		97
47) 2-Nitroaniline	14.60	65	148325	50.260	ng		91
48) Acenaphthylene	15.24	152	580485	44.137	ng		99
49) Dimethylphthalate	14.94	163	518125	44.761	ng		100
50) 2,6-Dinitrotoluene	15.07	165	113228	47.840	ng		97
51) Acenaphthene	15.57	154	446591	52.675	ng		97
52) 3-Nitroaniline	15.41	138	87513	35.268	ng	#	87
53) 2,4-Dinitrophenol	15.60	184	144451	114.237	ng	#	77
54) Dibenzofuran	15.90	168	582497	46.513	ng		93
55) 4-Nitrophenol	15.69	139	183912	105.403	ng	#	85
56) 2,4-Dinitrotoluene	15.85	165	168560	48.369	ng	#	88
57) Fluorene	16.54	166	482988	45.270	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.11	232	166587	53.482	ng		93
59) Diethylphthalate	16.27	149	507371	45.140	ng		99
60) 4-Chlorophenyl-phenylether	16.52	204	278222	45.365	ng		97
61) 4-Nitroaniline	16.56	138	110753	44.075	ng	#	80
62) Azobenzene	16.81	77	508714	46.722	ng		99
64) 4,6-Dinitro-2-methylphenol	16.60	198	94832	46.037	ng		100
65) n-Nitrosodiphenylamine	16.73	169	448275	45.602	ng		96
66) 4-Bromophenyl-phenylether	17.41	248	187609	46.393	ng		95
67) Hexachlorobenzene	17.54	284	188614	44.195	ng		96
68) Atrazine	17.65	200	182187	45.736	ng		98
69) Pentachlorophenol	17.88	266	262144	89.493	ng		98
70) Phenanthrene	18.28	178	811023	45.225	ng		98
71) Anthracene	18.38	178	833074	45.880	ng		99
72) Carbazole	18.63	167	724445	45.024	ng		98
73) Di-n-butylphthalate	19.12	149	837393	44.713	ng		98
74) Fluoranthene	20.24	202	1022155	46.060	ng		97
76) Benzidine	20.40	184	314460m	33.529	ng		
77) Pyrene	20.59	202	1027501	44.546	ng		98
79) Butylbenzylphthalate	21.45	149	384337	45.154	ng		98
80) Benzo(a)anthracene	22.57	228	1010154	45.870	ng		99
81) 3,3'-Dichlorobenzidine	22.46	252	305923	39.038	ng		97
82) Chrysene	22.65	228	955440	44.820	ng		98
83) Bis(2-ethylhexyl)phthalate	22.39	149	524856	44.731	ng		98
84) Di-n-octyl phthalate	23.80	149	881137	49.046	ng		99
85) Indeno(1,2,3-cd)pyrene	30.80	276	1120451	48.614	ng	#	86
87) Benzo(b)fluoranthene	25.17	252	986142	45.927	ng	#	98
88) Benzo(k)fluoranthene	25.25	252	977804	45.026	ng	#	98
89) Benzo(a)pyrene	26.21	252	975101	47.289	ng	#	98
90) Dibenzo(a,h)anthracene	30.88	278	928633	47.810	ng		98
91) Benzo(g,h,i)perylene	32.19	276	926141	48.152	ng	#	96

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

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