Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033120.D
Acq On : 13 Mar 2018 15:48
Operator : SJ/JU
Sample : J1873-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-8-COMPMS

Manual Integrations APPROVED
Sohil
3/14/2018 1:31:37 PM

Quant Time: Mar 13 17:25:31 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	48570	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	206248	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	115018	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	266175	20.00	ng		0.00
75) Chrysene-d12	22.61	240	253454	20.00	ng		0.00
86) Perylene-d12	26.41	264	280860	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	440649	145.15	ng		0.00
7) Phenol-d6	8.02	99	541270	127.91	ng		0.02
23) Nitrobenzene-d5	10.12	82	389953	125.82	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	233023	192.68	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	808823	101.42	ng		0.00
78) Terphenyl-d14	20.77	244	1185316	105.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	51796	39.312	ng	#	92
3) Pyridine	4.45	79	117044	32.230	ng		89
4) n-Nitrosodimethylamine	4.34	42	89593	61.535	ng	#	80
6) Aniline	8.21	93	37803	6.600	ng		98
8) 2-Chlorophenol	8.47	128	164601	49.534	ng		95
9) Benzaldehyde	8.01	77	70029	28.714	ng		94
10) Phenol	8.05	94	189838	44.503	ng		97
11) bis(2-Chloroethyl)ether	8.30	93	153749	44.078	ng		99
12) 1,3-Dichlorobenzene	8.81	146	166292	42.726	ng		98
13) 1,4-Dichlorobenzene	8.95	146	170377	43.489	ng		99
14) 1,2-Dichlorobenzene	9.29	146	163725	43.611	ng		99
15) Benzyl Alcohol	9.15	79	152306	48.959	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.44	45	310127	51.719	ng		100
17) 2-Methylphenol	9.35	107	138277	43.960	ng		97
18) Hexachloroethane	10.05	117	62206	46.635	ng		88
19) n-Nitroso-di-n-propylamine	9.73	70	131954	44.170	ng		88
20) 3+4-Methylphenols	9.68	107	188291	43.051	ng		94
22) Acetophenone	9.76	105	244454	46.931	ng	#	95
24) Nitrobenzene	10.16	77	188572	56.091	ng		95
25) Isophorone	10.68	82	356979	49.312	ng		96
26) 2-Nitrophenol	10.89	139	89048	67.137	ng		97
27) 2,4-Dimethylphenol	10.92	122	169402	53.868	ng		93
28) bis(2-Chloroethoxy)methane	11.16	93	207258	49.145	ng		97
29) 2,4-Dichlorophenol	11.43	162	153106	53.643	ng		95
30) 1,2,4-Trichlorobenzene	11.66	180	156189	46.683	ng		97
31) Naphthalene	11.86	128	517103	47.981	ng		98
32) Benzoic acid	11.03	122	93938	47.962	ng		88
33) 4-Chloroaniline	11.94	127	22066	4.579	ng		92
34) Hexachlorobutadiene	12.11	225	92664	49.377	ng		99
35) Caprolactam	12.68	113	48705	42.617	ng		99
36) 4-Chloro-3-methylphenol	13.00	107	183335	55.197	ng		95
37) 2-Methylnaphthalene	13.40	142	373356	47.884	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	166919	48.888	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	209029	120.127	ng		92

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Quant Time: Mar 13 17:25:31 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	118403	54.989	ng		97
43) 2,4,5-Trichlorophenol	14.05	196	131346	52.705	ng		94
45) 1,1'-Biphenyl	14.37	154	462977	46.064	ng		96
46) 2-Chloronaphthalene	14.43	162	349574	46.561	ng		97
47) 2-Nitroaniline	14.61	65	131636	65.112	ng		95
48) Acenaphthylene	15.26	152	575143	46.790	ng		98
49) Dimethylphthalate	14.96	163	458299	46.928	ng		100
50) 2,6-Dinitrotoluene	15.09	165	103636	61.126	ng		94
51) Acenaphthene	15.60	154	403990	52.773	ng		96
52) 3-Nitroaniline	15.42	138	20415	16.148	ng	#	86
53) 2,4-Dinitrophenol	15.62	184	91084	139.349	ng		92
54) Dibenzofuran	15.92	168	534983	49.080	ng		93
55) 4-Nitrophenol	15.69	139	151405	93.373	ng		95
56) 2,4-Dinitrotoluene	15.86	165	146904	69.152	ng		90
57) Fluorene	16.56	166	433012	48.130	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	117284m	60.617	ng		
59) Diethylphthalate	16.29	149	489863	47.556	ng		98
60) 4-Chlorophenyl-phenylether	16.54	204	221214	50.263	ng		91
61) 4-Nitroaniline	16.57	138	75975	37.267	ng		93
62) Azobenzene	16.83	77	453982	49.265	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	67836	72.660	ng		93
65) n-Nitrosodiphenylamine	16.75	169	398262	45.994	ng		100
66) 4-Bromophenyl-phenylether	17.43	248	139191	49.455	ng	#	89
67) Hexachlorobenzene	17.56	284	146333	48.112	ng		95
68) Atrazine	17.67	200	146493	51.397	ng		98
69) Pentachlorophenol	17.89	266	188772	98.534	ng		100
70) Phenanthrene	18.30	178	711077	47.884	ng		98
71) Anthracene	18.39	178	724468	48.594	ng		99
72) Carbazole	18.64	167	673174	45.810	ng	#	97
73) Di-n-butylphthalate	19.14	149	854634	47.407	ng		98
74) Fluoranthene	20.25	202	819053	49.931	ng		95
76) Benzidine	20.41	184	67697m	7.836	ng		
77) Pyrene	20.60	202	826176	46.223	ng		97
79) Butylbenzylphthalate	21.47	149	401978	50.725	ng		92
80) Benzo(a)anthracene	22.59	228	805249	49.545	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	62531	10.388	ng		99
82) Chrysene	22.66	228	751844	48.426	ng		96
83) Bis(2-ethylhexyl)phthalate	22.41	149	568449	48.460	ng		95
84) Di-n-octyl phthalate	23.82	149	982790	54.966	ng		98
85) Indeno(1,2,3-cd)pyrene	30.83	276	869443	48.019	ng	#	94
87) Benzo(b)fluoranthene	25.19	252	804059	48.419	ng		98
88) Benzo(k)fluoranthene	25.27	252	813145	49.270	ng	#	96
89) Benzo(a)pyrene	26.24	252	783488	49.604	ng	#	97
90) Dibenzo(a,h)anthracene	30.91	278	700488	44.059	ng	#	96
91) Benzo(g,h,i)perylene	32.22	276	727163	46.398	ng	#	94

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

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