Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG033998.D
Acq On : 25 Apr 2018 22:18
Operator : SJ/JU
Sample : PB108595BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108595BSD

Manual Integrations APPROVED
Sohil
4/26/2018 6:16:45 PM

Quant Time: Apr 26 07:04:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	65757	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	311892	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	217802	20.00	ng		-0.02
63) Phenanthrene-d10	17.21	188	531740	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	564886	20.00	ng		-0.02
86) Perylene-d12	24.53	264	583509	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	617371	149.89	ng		0.00
7) Phenol-d6	7.00	99	854593	142.26	ng		0.00
23) Nitrobenzene-d5	8.98	82	517251	94.38	ng		0.00
41) 2,4,6-Tribromophenol	15.95	330	405918	159.75	ng		-0.01
44) 2-Fluorobiphenyl	13.08	172	1379270	93.03	ng		-0.02
78) Terphenyl-d14	19.84	244	2257643	89.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	54162	31.121	ng		87
3) Pyridine	3.79	79	161058	31.984	ng		91
4) n-Nitrosodimethylamine	3.71	42	93716	40.851	ng	#	84
6) Aniline	7.16	93	200762	25.001	ng		96
8) 2-Chlorophenol	7.39	128	222878	48.294	ng		95
9) Benzaldehyde	6.97	77	90031	25.516	ng		98
10) Phenol	7.03	94	294789	47.901	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	191813	40.751	ng		96
12) 1,3-Dichlorobenzene	7.72	146	210490	39.620	ng		97
13) 1,4-Dichlorobenzene	7.86	146	217772	40.471	ng		97
14) 1,2-Dichlorobenzene	8.18	146	210947	40.312	ng		97
15) Benzyl Alcohol	8.06	79	223485	42.663	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.36	45	328211	35.751	ng		96
17) 2-Methylphenol	8.26	107	204949	44.939	ng		96
18) Hexachloroethane	8.90	117	77648	39.490	ng		90
19) n-Nitroso-di-n-propylamine	8.63	70	190642	37.229	ng	#	97
20) 3+4-Methylphenols	8.59	107	288289	43.505	ng		95
22) Acetophenone	8.64	105	332976	39.225	ng	#	96
24) Nitrobenzene	9.02	77	260638	43.643	ng		94
25) Isophorone	9.54	82	508012	41.229	ng	#	94
26) 2-Nitrophenol	9.73	139	131203	55.601	ng		95
27) 2,4-Dimethylphenol	9.79	122	239683	54.304	ng		93
28) bis(2-Chloroethoxy)methane	10.03	93	301740	46.336	ng		96
29) 2,4-Dichlorophenol	10.26	162	257131	52.260	ng		96
30) 1,2,4-Trichlorobenzene	10.47	180	242346	43.976	ng		99
31) Naphthalene	10.66	128	684099	42.653	ng		98
32) Benzoic acid	9.94	122	187371	43.166	ng		89
33) 4-Chloroaniline	10.77	127	114385	15.173	ng		95
34) Hexachlorobutadiene	10.95	225	142980	43.370	ng		94
35) Caprolactam	11.55	113	94754m	45.296	ng		
36) 4-Chloro-3-methylphenol	11.89	107	275119	45.813	ng		90
37) 2-Methylnaphthalene	12.28	142	542832	44.206	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	321146	44.404	ng		98
40) Hexachlorocyclopentadiene	12.63	237	412404	103.706	ng		91

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Quant Time: Apr 26 07:04:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	229116	51.959	ng		99
43) 2,4,5-Trichlorophenol	12.95	196	250000	49.315	ng		95
45) 1,1'-Biphenyl	13.29	154	746031	42.314	ng		97
46) 2-Chloronaphthalene	13.33	162	569102	42.570	ng		99
47) 2-Nitroaniline	13.53	65	188821	45.237	ng		89
48) Acenaphthylene	14.18	152	917343	41.281	ng		98
49) Dimethylphthalate	13.93	163	779922	40.708	ng		99
50) 2,6-Dinitrotoluene	14.04	165	180733	49.778	ng	#	81
51) Acenaphthene	14.53	154	563492	40.366	ng		98
52) 3-Nitroaniline	14.36	138	89205	22.626	ng	#	85
53) 2,4-Dinitrophenol	14.57	184	136512	105.133	ng	#	56
54) Dibenzofuran	14.86	168	893408	43.168	ng		95
55) 4-Nitrophenol	14.68	139	320682	103.712	ng		86
56) 2,4-Dinitrotoluene	14.83	165	251383	52.066	ng	#	80
57) Fluorene	15.51	166	749577	41.854	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	248185	53.469	ng		96
59) Diethylphthalate	15.30	149	783865	38.707	ng		97
60) 4-Chlorophenyl-phenylether	15.51	204	415188	44.323	ng		97
61) 4-Nitroaniline	15.54	138	190589	45.530	ng		90
62) Azobenzene	15.80	77	687844	38.103	ng		98
64) 4,6-Dinitro-2-methylphenol	15.59	198	119133	46.726	ng		85
65) n-Nitrosodiphenylamine	15.73	169	668746	43.258	ng		99
66) 4-Bromophenyl-phenylether	16.41	248	269994	46.235	ng		96
67) Hexachlorobenzene	16.51	284	284811	45.733	ng	#	72
68) Atrazine	16.68	200	291733	48.170	ng		99
69) Pentachlorophenol	16.86	266	377993	88.362	ng	#	56
70) Phenanthrene	17.25	178	1217880	42.694	ng		96
71) Anthracene	17.35	178	1249219	43.791	ng		98
72) Carbazole	17.62	167	1159714	42.139	ng		96
73) Di-n-butylphthalate	18.19	149	1398641	40.851	ng		98
74) Fluoranthene	19.27	202	1547280	44.841	ng		96
76) Benzidine	19.46	184	528528	34.649	ng		99
77) Pyrene	19.63	202	1548288	41.788	ng		94
79) Butylbenzylphthalate	20.55	149	659209	40.515	ng		90
80) Benzo(a)anthracene	21.45	228	1542241	43.296	ng		97
81) 3,3'-Dichlorobenzidine	21.37	252	326733	24.601	ng		98
82) Chrysene	21.51	228	1438076	42.278	ng		95
83) Bis(2-ethylhexyl)phthalate	21.39	149	902045	39.256	ng		98
84) Di-n-octyl phthalate	22.56	149	1542457	42.291	ng		99
85) Indeno(1,2,3-cd)pyrene	27.99	276	1814567	46.865	ng	#	93
87) Benzo(b)fluoranthene	23.56	252	1559872	43.820	ng		98
88) Benzo(k)fluoranthene	23.63	252	1534830	43.406	ng		97
89) Benzo(a)pyrene	24.39	252	1541202	45.207	ng		100
90) Dibenzo(a,h)anthracene	28.05	278	1492731	45.251	ng		96
91) Benzo(g,h,i)perylene	29.07	276	1492882	45.992	ng		97

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

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