Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033236.D
Acq On : 19 Mar 2018 11:48
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
3/20/2018 6:29:25 PM

Quant Time: Mar 19 13:56:21 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 11:53:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	35811	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	150830	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	120811	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	309445	20.00	ng		0.00
75) Chrysene-d12	22.60	240	306637	20.00	ng		0.00
86) Perylene-d12	26.40	264	317464	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	207515	92.71	ng		0.00
7) Phenol-d6	8.00	99	334083	107.08	ng		0.00
23) Nitrobenzene-d5	10.10	82	350732	192.06	ng		0.00
41) 2,4,6-Tribromophenol	16.98	330	187854	147.88	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	827169	98.75	ng		0.00
78) Terphenyl-d14	20.76	244	1408844	103.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	47494	48.890	ng		89
3) Pyridine	4.42	79	144831	54.091	ng		98
4) n-Nitrosodimethylamine	4.32	42	57896	53.933	ng	#	86
6) Aniline	8.19	93	205074	48.558	ng		96
8) 2-Chlorophenol	8.44	128	113397	46.284	ng		97
9) Benzaldehyde	8.00	77	98156	54.586	ng		97
10) Phenol	8.02	94	163386	51.949	ng		90
11) bis(2-Chloroethyl)ether	8.28	93	135655	52.747	ng		96
12) 1,3-Dichlorobenzene	8.78	146	142037	49.496	ng		97
13) 1,4-Dichlorobenzene	8.93	146	139664	48.351	ng		97
14) 1,2-Dichlorobenzene	9.26	146	140083	50.608	ng		98
15) Benzyl Alcohol	9.13	79	136133	59.351	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.41	45	216082	48.875	ng		87
17) 2-Methylphenol	9.33	107	121923m	52.570	ng		
18) Hexachloroethane	10.01	117	53691	54.592	ng		87
19) n-Nitroso-di-n-propylamine	9.70	70	123754	56.184	ng	#	96
20) 3+4-Methylphenols	9.66	107	166066	51.498	ng		88
22) Acetophenone	9.74	105	228929	60.099	ng	#	99
24) Nitrobenzene	10.14	77	187809	86.188	ng		95
25) Isophorone	10.66	82	339597	64.147	ng		98
26) 2-Nitrophenol	10.87	139	72072	92.373	ng	#	86
27) 2,4-Dimethylphenol	10.90	122	105617	45.925	ng		87
28) bis(2-Chloroethoxy)methane	11.14	93	170676	55.341	ng		96
29) 2,4-Dichlorophenol	11.41	162	132767	63.608	ng		98
30) 1,2,4-Trichlorobenzene	11.63	180	162974	66.609	ng		97
31) Naphthalene	11.83	128	406091	51.525	ng		99
32) Benzoic acid	11.03	122	100044m	76.309	ng		
33) 4-Chloroaniline	11.92	127	182752	51.859	ng		94
34) Hexachlorobutadiene	12.09	225	120529	87.823	ng		96
35) Caprolactam	12.68	113	52620	62.960	ng		95
36) 4-Chloro-3-methylphenol	12.99	107	171799	70.729	ng		93
37) 2-Methylnaphthalene	13.38	142	315714	55.369	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	216488	60.365	ng		98
40) Hexachlorocyclopentadiene	13.70	237	131813	72.119	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	134336	59.397	ng		98
43) 2,4,5-Trichlorophenol	14.03	196	162885	62.227	ng		98
45) 1,1'-Biphenyl	14.35	154	462490	43.809	ng		94
46) 2-Chloronaphthalene	14.41	162	353222	44.791	ng		97
47) 2-Nitroaniline	14.60	65	143460	84.171	ng		95
48) Acenaphthylene	15.24	152	602893	46.696	ng		99
49) Dimethylphthalate	14.94	163	532935	51.953	ng		99
50) 2,6-Dinitrotoluene	15.07	165	116372	78.854	ng		95
51) Acenaphthene	15.57	154	394864	49.107	ng		97
52) 3-Nitroaniline	15.41	138	115583	62.040	ng	#	96
53) 2,4-Dinitrophenol	15.60	184	52770	124.702	ng		96
54) Dibenzofuran	15.90	168	566089	49.443	ng		93
55) 4-Nitrophenol	15.68	139	85776	60.847	ng		89
56) 2,4-Dinitrotoluene	15.84	165	167214	94.392	ng		92
57) Fluorene	16.55	166	486219	51.453	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.11	232	150095	73.855	ng		96
59) Diethylphthalate	16.27	149	526106	48.626	ng		99
60) 4-Chlorophenyl-phenylether	16.52	204	280180	60.609	ng		100
61) 4-Nitroaniline	16.56	138	120963	59.542	ng		87
62) Azobenzene	16.81	77	505433	52.218	ng		98
64) 4,6-Dinitro-2-methylphenol	16.60	198	98662	118.602	ng		98
65) n-Nitrosodiphenylamine	16.73	169	447478	44.451	ng		97
66) 4-Bromophenyl-phenylether	17.41	248	184383	56.351	ng		93
67) Hexachlorobenzene	17.54	284	196037	55.441	ng		96
68) Atrazine	17.65	200	185902	56.103	ng		97
69) Pentachlorophenol	17.88	266	140018	62.866	ng		98
70) Phenanthrene	18.28	178	805916	46.682	ng		98
71) Anthracene	18.38	178	823727	47.526	ng		100
72) Carbazole	18.63	167	729832	42.721	ng		98
73) Di-n-butylphthalate	19.12	149	856521	40.868	ng	#	98
74) Fluoranthene	20.24	202	995921	52.224	ng		98
76) Benzidine	20.40	184	456542	43.679	ng		96
77) Pyrene	20.59	202	1013164	46.853	ng		98
79) Butylbenzylphthalate	21.45	149	383112	39.960	ng		99
80) Benzo(a)anthracene	22.58	228	972841	49.475	ng		100
81) 3,3'-Dichlorobenzidine	22.46	252	356039	48.890	ng		97
82) Chrysene	22.65	228	932178	49.628	ng		96
83) Bis(2-ethylhexyl)phthalate	22.39	149	529152	37.286	ng		97
84) Di-n-octyl phthalate	23.80	149	809586	37.426	ng		98
85) Indeno(1,2,3-cd)pyrene	30.80	276	1043434	47.633	ng	#	87
87) Benzo(b)fluoranthene	25.17	252	921558	49.096	ng	#	96
88) Benzo(k)fluoranthene	25.25	252	939174	50.344	ng	#	97
89) Benzo(a)pyrene	26.21	252	892322	49.980	ng	#	97
90) Dibenzo(a,h)anthracene	30.88	278	865280	48.149	ng		98
91) Benzo(g,h,i)perylene	32.20	276	843637	47.623	ng	#	96

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

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