Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
Data File : BG021031.D
Acq On : 23 Feb 2016 16:32
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
2/24/2016 4:29:31 PM

Quant Time: Feb 24 00:28:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 00:03:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	5424	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	27777	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	18025	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	42104	20.00	ng		0.00
75) Chrysene-d12	21.82	240	17843	20.00	ng		0.00
86) Perylene-d12	25.14	264	14199	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	5985	20.46	ng		0.00
7) Phenol-d6	7.41	99	9296	21.87	ng		0.00
23) Nitrobenzene-d5	9.39	82	9250	23.63	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	4131	17.05	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	26077	20.11	ng		0.00
78) Terphenyl-d14	20.13	244	27764	27.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	694	8.16	ng	#	83
3) Pyridine	4.06	79	2804	10.29	ng		93
4) n-Nitrosodimethylamine	3.95	42	885	11.28	ng	#	90
6) Aniline	7.55	93	5341	13.31	ng		99
8) 2-Chlorophenol	7.79	128	3705	9.98	ng		97
9) Benzaldehyde	7.36	77	2575	13.20	ng		91
10) Phenol	7.44	94	4906	10.95	ng		96
11) bis(2-Chloroethyl)ether	7.63	93	4142	11.43	ng		87
12) 1,3-Dichlorobenzene	8.09	146	4347	10.36	ng		95
13) 1,4-Dichlorobenzene	8.24	146	4599	10.55	ng		93
14) 1,2-Dichlorobenzene	8.57	146	4160	10.15	ng		93
15) Benzyl Alcohol	8.48	79	3084	11.05	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.74	45	6864	15.91	ng		96
17) 2-Methylphenol	8.69	107	3507	10.74	ng	#	84
18) Hexachloroethane	9.29	117	1514	10.83	ng		95
19) n-Nitroso-di-n-propylamine	9.02	70	3372	12.26	ng	#	91
20) 3+4-Methylphenols	9.02	107	4874	10.59	ng		95
22) Acetophenone	9.05	105	6679	11.04	ng		94
24) Nitrobenzene	9.43	77	5062	12.30	ng		94
25) Isophorone	9.96	82	9735	11.48	ng		96
26) 2-Nitrophenol	10.15	139	2239	9.40	ng		96
27) 2,4-Dimethylphenol	10.22	122	4191	10.46	ng		94
28) bis(2-Chloroethoxy)methane	10.43	93	5634	11.47	ng		93
29) 2,4-Dichlorophenol	10.69	162	3840	9.69	ng		93
30) 1,2,4-Trichlorobenzene	10.88	180	4092	9.63	ng		92
31) Naphthalene	11.08	128	14522	10.13	ng		98
32) Benzoic acid	10.34	122	2277	6.71	ng	#	88
33) 4-Chloroaniline	11.21	127	5901	10.99	ng		98
34) Hexachlorobutadiene	11.35	225	2335	9.96	ng		89
35) Caprolactam	12.03	113	1225	8.10	ng		93
36) 4-Chloro-3-methylphenol	12.33	107	4839	11.14	ng		95
37) 2-Methylnaphthalene	12.67	142	10715	10.30	ng		100
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	4909	9.25	ng		96
40) Hexachlorocyclopentadiene	12.99	237	2620	9.12	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	3505	9.50	ng		94
43) 2,4,5-Trichlorophenol	13.36	196	3604	9.33	ng		93
45) 1,1'-Biphenyl	13.66	154	15645	10.09	ng		99
46) 2-Chloronaphthalene	13.71	162	11085	10.09	ng		97
47) 2-Nitroaniline	13.93	65	3059	12.07	ng		95
48) Acenaphthylene	14.55	152	19873	9.96	ng		96
49) Dimethylphthalate	14.28	163	14663	9.83	ng		98
50) 2,6-Dinitrotoluene	14.40	165	2961	9.30	ng		91
51) Acenaphthene	14.88	154	11607	10.28	ng		97
52) 3-Nitroaniline	14.75	138	3332	10.30	ng	#	97
53) 2,4-Dinitrophenol	14.93	184	963	5.47	ng		87
54) Dibenzofuran	15.22	168	16323	9.81	ng		97
55) 4-Nitrophenol	15.09	139	2647	9.22	ng		92
56) 2,4-Dinitrotoluene	15.19	165	4057	9.33	ng	#	94
57) Fluorene	15.86	166	15112	9.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.45	232	3023	9.06	ng	#	95
59) Diethylphthalate	15.62	149	15707	10.38	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	7094	9.74	ng		99
61) 4-Nitroaniline	15.91	138	3145	9.34	ng		85
62) Azobenzene	16.14	77	13906	13.16	ng		98
64) 4,6-Dinitro-2-methylphenol	15.94	198	1923	6.87	ng		94
65) n-Nitrosodiphenylamine	16.07	169	12547	9.27	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	4287	8.65	ng		95
67) Hexachlorobenzene	16.85	284	4709	8.42	ng	#	92
68) Atrazine	17.01	200	4000	10.06	ng		95
69) Pentachlorophenol	17.21	266	2248	7.18	ng		95
70) Phenanthrene	17.60	178	23665	9.98	ng		98
71) Anthracene	17.69	178	23461	9.94	ng		99
72) Carbazole	17.97	167	21075	10.41	ng		100
73) Di-n-butylphthalate	18.49	149	24513	10.42	ng		97
74) Fluoranthene	19.59	202	22743	11.14	ng		99
76) Benzidine	19.78	184	9798	16.49	ng		98
77) Pyrene	19.95	202	21546	14.69	ng		98
79) Butylbenzylphthalate	20.81	149	6861	12.65	ng		96
80) Benzo(a)anthracene	21.80	228	10452	9.85	ng		99
81) 3,3'-Dichlorobenzidine	21.72	252	4188	9.75	ng		99
82) Chrysene	21.87	228	9818	9.83	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	7470	10.52	ng		99
84) Di-n-octyl phthalate	22.90	149	11196	10.05	ng	#	98
85) Indeno(1,2,3-cd)pyrene	28.91	276	9239	7.92	ng	#	100
87) Benzo(b)fluoranthene	24.07	252	9111	10.55	ng		98
88) Benzo(k)fluoranthene	24.14	252	8635m	10.31	ng		
89) Benzo(a)pyrene	24.97	252	8178	9.90	ng		99
90) Dibenzo(a,h)anthracene	28.97	278	7578	9.10	ng		95
91) Benzo(g,h,i)perylene	30.08	276	7304	9.04	ng	#	90

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

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