Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021156.D
Acq On : 29 Feb 2016 15:35
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
3/1/2016 3:01:10 PM

Quant Time: Feb 29 16:24:08 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 16:07:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	9608	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	47954	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	30529	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	72095	20.00	ng		0.00
75) Chrysene-d12	21.77	240	79032	20.00	ng		0.00
86) Perylene-d12	25.04	264	71553	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	60867	110.91	ng		0.00
7) Phenol-d6	7.30	99	96721	118.44	ng		0.00
23) Nitrobenzene-d5	9.32	82	115322	114.58	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	32115	80.23	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	215174	90.19	ng		0.00
78) Terphenyl-d14	20.09	244	330544	97.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	12769m	50.25	ng		
3) Pyridine	4.00	79	44292	59.59	ng	#	86
4) n-Nitrosodimethylamine	3.91	42	21971m	58.30	ng		
6) Aniline	7.48	93	64556	63.91	ng	#	89
8) 2-Chlorophenol	7.72	128	36416	53.20	ng	#	80
9) Benzaldehyde	7.29	77	26190	59.21	ng		82
10) Phenol	7.33	94	51424	61.47	ng		81
11) bis(2-Chloroethyl)ether	7.57	93	40924	63.82	ng		91
12) 1,3-Dichlorobenzene	8.05	146	36981	50.76	ng	#	89
13) 1,4-Dichlorobenzene	8.19	146	37887	48.69	ng		97
14) 1,2-Dichlorobenzene	8.51	146	36348	49.33	ng		94
15) Benzyl Alcohol	8.39	79	44393	62.23	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.68	45	67892	92.34	ng		98
17) 2-Methylphenol	8.59	107	35356	59.87	ng	#	89
18) Hexachloroethane	9.24	117	15724	53.41	ng		94
19) n-Nitroso-di-n-propylamine	8.96	70	43303	68.74	ng	#	95
20) 3+4-Methylphenols	8.92	107	48966	59.81	ng		90
22) Acetophenone	8.97	105	71960	54.37	ng	#	91
24) Nitrobenzene	9.36	77	62889	60.48	ng	#	89
25) Isophorone	9.89	82	122161	64.76	ng	#	93
26) 2-Nitrophenol	10.07	139	23283	52.96	ng	#	64
27) 2,4-Dimethylphenol	10.12	122	40169	51.80	ng		90
28) bis(2-Chloroethoxy)methane	10.36	93	56725	61.70	ng		97
29) 2,4-Dichlorophenol	10.60	162	35860	47.24	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	36386	42.30	ng		97
31) Naphthalene	11.02	128	121786	49.44	ng		98
32) Benzoic acid	10.26	122	32855	46.14	ng	#	77
33) 4-Chloroaniline	11.12	127	57561	55.95	ng	#	90
34) Hexachlorobutadiene	11.30	225	22667	39.37	ng		96
35) Caprolactam	11.91	113	17871	69.68	ng	#	79
36) 4-Chloro-3-methylphenol	12.22	107	55085	59.20	ng	#	83
37) 2-Methylnaphthalene	12.61	142	85603	49.49	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	46357	41.09	ng	#	98
40) Hexachlorocyclopentadiene	12.95	237	26094	35.17	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	34996	49.46	ng		99
43) 2,4,5-Trichlorophenol	13.27	196	35691	49.10	ng	#	91
45) 1,1'-Biphenyl	13.60	154	125899	48.97	ng		94
46) 2-Chloronaphthalene	13.65	162	94695	48.54	ng		94
47) 2-Nitroaniline	13.85	65	45906	72.63	ng	#	69
48) Acenaphthylene	14.49	152	158488	51.35	ng		99
49) Dimethylphthalate	14.22	163	132991	50.54	ng		98
50) 2,6-Dinitrotoluene	14.33	165	28527	52.70	ng	#	56
51) Acenaphthene	14.83	154	104046	49.42	ng		98
52) 3-Nitroaniline	14.66	138	31819	60.41	ng	#	66
53) 2,4-Dinitrophenol	14.86	184	14745	39.07	ng	#	74
54) Dibenzofuran	15.16	168	133752	50.16	ng	#	89
55) 4-Nitrophenol	14.95	139	27236	58.30	ng	#	61
56) 2,4-Dinitrotoluene	15.11	165	41588	53.58	ng	#	75
57) Fluorene	15.81	166	126769	48.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	29292	46.36	ng	#	94
59) Diethylphthalate	15.57	149	145859	52.60	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	64089	44.91	ng		96
61) 4-Nitroaniline	15.83	138	34687	57.83	ng	#	55
62) Azobenzene	16.08	77	157502	65.56	ng		91
64) 4,6-Dinitro-2-methylphenol	15.87	198	25458	48.14	ng		94
65) n-Nitrosodiphenylamine	16.01	169	109888	51.66	ng		96
66) 4-Bromophenyl-phenylether	16.69	248	38384	45.22	ng	#	89
67) Hexachlorobenzene	16.81	284	36843	41.14	ng	#	86
68) Atrazine	16.95	200	38278	48.57	ng		99
69) Pentachlorophenol	17.14	266	25050	41.44	ng		92
70) Phenanthrene	17.54	178	194116	50.04	ng		99
71) Anthracene	17.63	178	199443	51.05	ng		99
72) Carbazole	17.90	167	180321	53.46	ng		97
73) Di-n-butylphthalate	18.45	149	251731	56.62	ng	#	97
74) Fluoranthene	19.54	202	232133	47.70	ng		98
76) Benzidine	19.71	184	109964	52.89	ng		99
77) Pyrene	19.90	202	236619	54.07	ng		99
79) Butylbenzylphthalate	20.77	149	122056	66.83	ng		89
80) Benzo(a)anthracene	21.75	228	233156	51.27	ng		100
81) 3,3'-Dichlorobenzidine	21.65	252	88593	49.79	ng		97
82) Chrysene	21.81	228	222941	50.91	ng		99
83) Bis(2-ethylhexyl)phthalate	21.64	149	178717	63.37	ng		95
84) Di-n-octyl phthalate	22.87	149	296920	62.82	ng		99
85) Indeno(1,2,3-cd)pyrene	28.78	276	246486	46.68	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	225383	50.39	ng		97
88) Benzo(k)fluoranthene	24.07	252	223925	50.79	ng		98
89) Benzo(a)pyrene	24.90	252	216427	50.41	ng		97
90) Dibenzo(a,h)anthracene	28.85	278	208586	48.19	ng	#	95
91) Benzo(g,h,i)perylene	29.96	276	200794	48.16	ng	#	94

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

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