Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021717\
Data File : BG025855.D
Acq On : 17 Feb 2017 12:21
Operator : SJ/MA
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
mohammad
2/20/2017 12:58:30 PM

Quant Time: Feb 17 13:57:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 13:45:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	97939	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	484250	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	351914	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	744698	20.00	ng		0.00
75) Chrysene-d12	21.68	240	732980	20.00	ng		0.00
86) Perylene-d12	24.89	264	721763	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	284599	52.08	ng		0.00
7) Phenol-d6	7.23	99	415142	52.01	ng		0.00
23) Nitrobenzene-d5	9.24	82	389475	33.98	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	168931	33.66	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	1037773	47.89	ng		0.00
78) Terphenyl-d14	20.02	244	1607686	52.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	65678	26.51	ng	#	83
3) Pyridine	3.95	79	193711	28.81	ng	#	80
4) n-Nitrosodimethylamine	3.86	42	67861	17.55	ng	#	39
6) Aniline	7.41	93	287968	25.61	ng		92
8) 2-Chlorophenol	7.65	128	164218	26.47	ng		89
9) Benzaldehyde	7.22	77	131982	19.49	ng	#	74
10) Phenol	7.26	94	228681	25.49	ng	#	74
11) bis(2-Chloroethyl)ether	7.50	93	182765	25.77	ng		89
12) 1,3-Dichlorobenzene	7.98	146	190533	25.12	ng	#	86
13) 1,4-Dichlorobenzene	8.13	146	192740m	24.99	ng		
14) 1,2-Dichlorobenzene	8.44	146	187382	25.36	ng		93
15) Benzyl Alcohol	8.31	79	150195	21.76	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.61	45	267072	18.65	ng		94
17) 2-Methylphenol	8.51	107	163409	26.67	ng	#	83
18) Hexachloroethane	9.18	117	62757	19.98	ng	#	86
19) n-Nitroso-di-n-propylamine	8.88	70	151121	21.46	ng	#	83
20) 3+4-Methylphenols	8.84	107	228600	27.34	ng		86
22) Acetophenone	8.90	105	298835	22.54	ng	#	82
24) Nitrobenzene	9.28	77	213383	17.05	ng	#	80
25) Isophorone	9.81	82	431074	19.30	ng	#	92
26) 2-Nitrophenol	9.99	139	95505	21.54	ng	#	70
27) 2,4-Dimethylphenol	10.05	122	182388	23.62	ng		90
28) bis(2-Chloroethoxy)methane	10.29	93	269398	22.79	ng		99
29) 2,4-Dichlorophenol	10.53	162	175389	22.13	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	186353	20.21	ng		99
31) Naphthalene	10.94	128	637240	25.35	ng		99
32) Benzoic acid	10.15	122	122676	27.85	ng	#	73
33) 4-Chloroaniline	11.03	127	280105	26.81	ng	#	85
34) Hexachlorobutadiene	11.23	225	104867	13.98	ng		97
35) Caprolactam	11.79	113	71413	21.15	ng	#	74
36) 4-Chloro-3-methylphenol	12.14	107	212402	22.00	ng	#	82
37) 2-Methylnaphthalene	12.53	142	490110	25.25	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	218087	18.51	ng		99
40) Hexachlorocyclopentadiene	12.89	237	116053	33.75	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	142710	20.69	ng		94
43) 2,4,5-Trichlorophenol	13.20	196	165090	22.16	ng	#	91
45) 1,1'-Biphenyl	13.53	154	647213	26.44	ng		98
46) 2-Chloronaphthalene	13.57	162	462884	24.08	ng		98
47) 2-Nitroaniline	13.76	65	146634	17.72	ng	#	73
48) Acenaphthylene	14.41	152	849904	26.57	ng		97
49) Dimethylphthalate	14.14	163	621708	23.46	ng		97
50) 2,6-Dinitrotoluene	14.25	165	141287	23.54	ng	#	70
51) Acenaphthene	14.75	154	550949	27.88	ng		98
52) 3-Nitroaniline	14.58	138	158559	28.02	ng	#	71
53) 2,4-Dinitrophenol	14.78	184	66312	23.65	ng	#	81
54) Dibenzofuran	15.08	168	737938	24.71	ng	#	89
55) 4-Nitrophenol	14.87	139	127892	33.76	ng	#	47
56) 2,4-Dinitrotoluene	15.03	165	190817	21.73	ng	#	82
57) Fluorene	15.73	166	669638	25.24	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	144616	20.78	ng		94
59) Diethylphthalate	15.49	149	647245	23.04	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	307762	21.40	ng		93
61) 4-Nitroaniline	15.74	138	165898	29.19	ng	#	53
62) Azobenzene	16.01	77	554835	19.41	ng		88
64) 4,6-Dinitro-2-methylphenol	15.79	198	101751	19.23	ng		91
65) n-Nitrosodiphenylamine	15.93	169	574699	26.88	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	193206	21.33	ng		95
67) Hexachlorobenzene	16.73	284	200942	19.73	ng		95
68) Atrazine	16.87	200	206239	19.54	ng		94
69) Pentachlorophenol	17.07	266	124206	27.75	ng		96
70) Phenanthrene	17.46	178	1044607	25.81	ng		95
71) Anthracene	17.55	178	1069362	25.62	ng		97
72) Carbazole	17.82	167	1086328	26.88	ng	#	95
73) Di-n-butylphthalate	18.37	149	1077859	23.05	ng	#	93
74) Fluoranthene	19.46	202	1162563	20.96	ng		93
76) Benzidine	19.63	184	644495	25.61	ng		99
77) Pyrene	19.82	202	1207922	29.58	ng		96
79) Butylbenzylphthalate	20.71	149	449995	26.55	ng		85
80) Benzo(a)anthracene	21.65	228	1096609	25.26	ng		96
81) 3,3'-Dichlorobenzidine	21.56	252	400950	23.53	ng	#	98
82) Chrysene	21.72	228	1053697	25.68	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	663030	28.08	ng		98
84) Di-n-octyl phthalate	22.78	149	1083535	28.25	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.54	276	1212779	24.25	ng	#	92
87) Benzo(b)fluoranthene	23.87	252	1105804	26.51	ng	#	96
88) Benzo(k)fluoranthene	23.93	252	1065096	26.09	ng	#	92
89) Benzo(a)pyrene	24.73	252	1040675	26.22	ng	#	92
90) Dibenzo(a,h)anthracene	28.61	278	1034023	25.20	ng	#	93
91) Benzo(g,h,i)perylene	29.68	276	1031216	25.29	ng	#	88

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

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