Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022892.D
Acq On : 7 Jul 2016 12:30
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations
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7/8/2016 7:10:05 PM

Quant Time: Jul 07 15:04:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 14:54:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	109537	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	476949	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	380154	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1032811	20.00	ng		0.00
75) Chrysene-d12	21.84	240	1137068	20.00	ng		0.00
86) Perylene-d12	25.18	264	1190996	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	140079	20.51	ng		0.00
7) Phenol-d6	7.30	99	204798	21.28	ng		0.00
23) Nitrobenzene-d5	9.32	82	232759	20.65	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	140424	23.49	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	536062	22.36	ng		0.00
78) Terphenyl-d14	20.15	244	1022088	23.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	26484	9.57	ng		91
3) Pyridine	3.98	79	80946	10.45	ng		93
4) n-Nitrosodimethylamine	3.89	42	36372	8.21	ng	#	80
6) Aniline	7.47	93	138375	10.84	ng		89
8) 2-Chlorophenol	7.72	128	69919	9.88	ng		91
9) Benzaldehyde	7.29	77	72832	21.50	ng		97
10) Phenol	7.33	94	101910	10.02	ng		88
11) bis(2-Chloroethyl)ether	7.56	93	81384	9.72	ng		97
12) 1,3-Dichlorobenzene	8.04	146	92564m	10.75	ng		
13) 1,4-Dichlorobenzene	8.19	146	90122	10.44	ng		87
14) 1,2-Dichlorobenzene	8.51	146	85681	10.44	ng		89
15) Benzyl Alcohol	8.39	79	87972	9.88	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.67	45	98728	10.66	ng		90
17) 2-Methylphenol	8.59	107	68092	10.15	ng		85
18) Hexachloroethane	9.24	117	35069	9.82	ng		85
19) n-Nitroso-di-n-propylamine	8.95	70	90034	11.23	ng		91
20) 3+4-Methylphenols	8.91	107	91732	9.93	ng		90
22) Acetophenone	8.97	105	147985	10.73	ng	#	92
24) Nitrobenzene	9.37	77	122559	9.84	ng	#	94
25) Isophorone	9.88	82	222741	10.18	ng	#	95
26) 2-Nitrophenol	10.08	139	43718	9.74	ng		91
27) 2,4-Dimethylphenol	10.13	122	76536	8.93	ng		83
28) bis(2-Chloroethoxy)methane	10.37	93	123582	10.35	ng		93
29) 2,4-Dichlorophenol	10.62	162	83868	10.04	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	97453	9.83	ng		89
31) Naphthalene	11.03	128	250602	10.45	ng		98
32) Benzoic acid	10.21	122	61255	11.87	ng		92
33) 4-Chloroaniline	11.13	127	120251	11.64	ng	#	89
34) Hexachlorobutadiene	11.31	225	83878	10.88	ng		95
35) Caprolactam	11.89	113	35128	13.35	ng		92
36) 4-Chloro-3-methylphenol	12.25	107	117141	11.43	ng		99
37) 2-Methylnaphthalene	12.63	142	198440	10.67	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	166399	11.59	ng	#	98
40) Hexachlorocyclopentadiene	12.96	237	86390	7.54	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	91500	9.94	ng		95
43) 2,4,5-Trichlorophenol	13.30	196	94431	9.81	ng		91
45) 1,1'-Biphenyl	13.63	154	296130	10.23	ng		97
46) 2-Chloronaphthalene	13.67	162	241839	10.15	ng		95
47) 2-Nitroaniline	13.87	65	100227	10.90	ng		87
48) Acenaphthylene	14.52	152	376895	10.91	ng		95
49) Dimethylphthalate	14.24	163	342643	10.87	ng		99
50) 2,6-Dinitrotoluene	14.36	165	74018	10.80	ng	#	80
51) Acenaphthene	14.86	154	234084	9.19	ng		91
52) 3-Nitroaniline	14.70	138	70863	11.05	ng		96
53) 2,4-Dinitrophenol	14.90	184	44027	10.43	ng		85
54) Dibenzofuran	15.19	168	368797	10.00	ng		93
55) 4-Nitrophenol	15.01	139	57252	10.56	ng		88
56) 2,4-Dinitrotoluene	15.15	165	104899	11.05	ng		89
57) Fluorene	15.85	166	317137	10.78	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.42	232	101654	10.18	ng	#	99
59) Diethylphthalate	15.60	149	352867	10.88	ng		99
60) 4-Chlorophenyl-phenylether	15.83	204	189509	10.82	ng		98
61) 4-Nitroaniline	15.86	138	77887	11.77	ng		91
62) Azobenzene	16.13	77	329701	9.39	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	71700	10.35	ng		92
65) n-Nitrosodiphenylamine	16.05	169	306631	10.20	ng		95
66) 4-Bromophenyl-phenylether	16.73	248	130733	9.76	ng		93
67) Hexachlorobenzene	16.85	284	143084	10.10	ng		95
68) Atrazine	17.00	200	141501	11.15	ng		98
69) Pentachlorophenol	17.20	266	84315	8.65	ng		97
70) Phenanthrene	17.60	178	569726	10.82	ng		94
71) Anthracene	17.69	178	572338m	10.56	ng		
72) Carbazole	17.96	167	483498	10.52	ng		95
73) Di-n-butylphthalate	18.50	149	586340	10.96	ng	#	95
74) Fluoranthene	19.60	202	697578	11.50	ng		95
76) Benzidine	19.78	184	355259	29.35	ng		97
77) Pyrene	19.96	202	716356	11.83	ng	#	92
79) Butylbenzylphthalate	20.83	149	266580	10.17	ng		93
80) Benzo(a)anthracene	21.82	228	711225	11.30	ng		93
81) 3,3'-Dichlorobenzidine	21.73	252	297566	11.45	ng	#	100
82) Chrysene	21.89	228	681781	11.53	ng		96
83) Bis(2-ethylhexyl)phthalate	21.70	149	377649	10.23	ng	#	96
84) Di-n-octyl phthalate	22.95	149	637743	10.48	ng		96
85) Indeno(1,2,3-cd)pyrene	29.01	276	776783	10.00	ng	#	100
87) Benzo(b)fluoranthene	24.11	252	735437	10.27	ng		97
88) Benzo(k)fluoranthene	24.18	252	691875	10.22	ng		95
89) Benzo(a)pyrene	25.02	252	691792	9.91	ng		98
90) Dibenzo(a,h)anthracene	29.08	278	653110	9.94	ng		94
91) Benzo(g,h,i)perylene	30.21	276	666631	9.96	ng		98

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

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