Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100616\
Data File : BG024189.D
Acq On : 6 Oct 2016 3:19
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC025

Quant Time: Oct 06 07:04:16 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG100616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 07:02:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	157778	20.00	ng		0.00
21) Naphthalene-d8	11.13	136	708659	20.00	ng		0.00
38) Acenaphthene-d10	14.92	164	574005	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	1259424	20.00	ng		0.00
75) Chrysene-d12	21.96	240	1355878	20.00	ng		0.00
86) Perylene-d12	25.42	264	1341647	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.83	112	467695	26.31	ng		0.00
7) Phenol-d6	7.43	99	684489	26.34	ng		0.00
23) Nitrobenzene-d5	9.48	82	743504	26.36	ng		0.00
41) 2,4,6-Tribromophenol	16.40	330	358291	25.28	ng		0.00
44) 2-Fluorobiphenyl	13.55	172	1638575	26.50	ng		0.00
78) Terphenyl-d14	20.24	244	2469683	26.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.69	88	84146	24.71	ng		98
3) Pyridine	4.11	79	251795	25.65	ng		95
4) n-Nitrosodimethylamine	4.02	42	164239	25.18	ng		97
6) Aniline	7.62	93	466451	25.67	ng		98
8) 2-Chlorophenol	7.86	128	257132	25.40	ng		97
9) Benzaldehyde	7.44	77	182992	26.30	ng		99
10) Phenol	7.46	94	366386	25.16	ng		97
11) bis(2-Chloroethyl)ether	7.71	93	275559	25.18	ng		98
12) 1,3-Dichlorobenzene	8.19	146	292011	25.74	ng		96
13) 1,4-Dichlorobenzene	8.34	146	296125	25.86	ng		95
14) 1,2-Dichlorobenzene	8.67	146	282890	25.69	ng		98
15) Benzyl Alcohol	8.54	79	311626	25.59	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.82	45	597122	25.96	ng		96
17) 2-Methylphenol	8.73	107	231753	24.90	ng		89
18) Hexachloroethane	9.40	117	113584	24.64	ng		93
19) n-Nitroso-di-n-propylamine	9.11	70	285314	25.71	ng		97
20) 3+4-Methylphenols	9.06	107	335275	26.07	ng		96
22) Acetophenone	9.14	105	442330	25.16	ng		98
24) Nitrobenzene	9.52	77	407077	25.91	ng		94
25) Isophorone	10.05	82	753010	25.69	ng		99
26) 2-Nitrophenol	10.23	139	145376	25.92	ng		93
27) 2,4-Dimethylphenol	10.28	122	298099	25.25	ng		96
28) bis(2-Chloroethoxy)methane	10.52	93	407775	25.92	ng		99
29) 2,4-Dichlorophenol	10.76	162	285862	25.37	ng		98
30) 1,2,4-Trichlorobenzene	10.99	180	313409	24.74	ng		96
31) Naphthalene	11.19	128	837743	25.35	ng		98
32) Benzoic acid	10.39	122	226948	25.88	ng		90
33) 4-Chloroaniline	11.29	127	379756	24.91	ng	#	96
34) Hexachlorobutadiene	11.46	225	234612	24.65	ng		96
35) Caprolactam	12.07	113	106965	26.32	ng		97
36) 4-Chloro-3-methylphenol	12.37	107	375090	25.45	ng		94
37) 2-Methylnaphthalene	12.77	142	626132	25.59	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	413162	24.45	ng		99
40) Hexachlorocyclopentadiene	13.10	237	278781	24.60	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	274244	24.83	ng		95
43) 2,4,5-Trichlorophenol	13.43	196	283295	25.12	ng		97
45) 1,1'-Biphenyl	13.76	154	952966	25.37	ng		99
46) 2-Chloronaphthalene	13.81	162	731797	25.50	ng		95
47) 2-Nitroaniline	14.00	65	289353	27.22	ng		95
48) Acenaphthylene	14.65	152	1161218	26.21	ng		100
49) Dimethylphthalate	14.37	163	1007975	26.09	ng		99
50) 2,6-Dinitrotoluene	14.49	165	206947	26.48	ng		92
51) Acenaphthene	14.98	154	805187	26.05	ng		97
52) 3-Nitroaniline	14.82	138	195055	25.98	ng		93
53) 2,4-Dinitrophenol	15.02	184	121249	25.51	ng		95
54) Dibenzofuran	15.32	168	1090657	25.42	ng		99
55) 4-Nitrophenol	15.10	139	187986	26.85	ng		92
56) 2,4-Dinitrotoluene	15.27	165	290110	26.75	ng	#	97
57) Fluorene	15.96	166	939298	25.70	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.53	232	271427	25.67	ng		99
59) Diethylphthalate	15.72	149	1056609	26.24	ng		99
60) 4-Chlorophenyl-phenylether	15.95	204	532607	25.39	ng		98
61) 4-Nitroaniline	15.98	138	216592	26.51	ng		94
62) Azobenzene	16.24	77	1053017	25.99	ng		99
64) 4,6-Dinitro-2-methylphenol	16.02	198	185323	26.17	ng		90
65) n-Nitrosodiphenylamine	16.16	169	892698	25.76	ng		98
66) 4-Bromophenyl-phenylether	16.84	248	351699	25.12	ng	#	91
67) Hexachlorobenzene	16.96	284	400373	25.02	ng		95
68) Atrazine	17.10	200	314548	25.85	ng		97
69) Pentachlorophenol	17.30	266	256346	24.98	ng		97
70) Phenanthrene	17.70	178	1533475	26.20	ng		95
71) Anthracene	17.80	178	1568918	26.64	ng		99
72) Carbazole	18.06	167	1423113	26.79	ng		98
73) Di-n-butylphthalate	18.60	149	1663132	27.23	ng	#	96
74) Fluoranthene	19.69	202	1801297	27.40	ng		97
76) Benzidine	19.86	184	827605	26.66	ng		97
77) Pyrene	20.05	202	1815921	26.77	ng		99
79) Butylbenzylphthalate	20.93	149	764099	25.06	ng		99
80) Benzo(a)anthracene	21.94	228	1845317	26.07	ng		98
81) 3,3'-Dichlorobenzidine	21.84	252	725044	25.02	ng		96
82) Chrysene	22.01	228	1741787	25.65	ng		98
83) Bis(2-ethylhexyl)phthalate	21.82	149	1063926	25.30	ng		99
84) Di-n-octyl phthalate	23.12	149	1801597	26.06	ng		99
85) Indeno(1,2,3-cd)pyrene	29.41	276	2082416	25.42	ng	#	98
87) Benzo(b)fluoranthene	24.31	252	1764563	25.02	ng		99
88) Benzo(k)fluoranthene	24.39	252	1802261	25.74	ng		95
89) Benzo(a)pyrene	25.26	252	1739194	25.46	ng		99
90) Dibenzo(a,h)anthracene	29.48	278	1733502	25.31	ng		99
91) Benzo(g,h,i)perylene	30.65	276	1707369	25.33	ng		97

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

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