Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022893.D
Acq On : 7 Jul 2016 13:11
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC025

Quant Time: Jul 07 14:58:18 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	8.16	152	110675	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	497900	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	393039	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1001639	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1086067	20.00	ng		0.00
86) Perylene-d12	25.19	264	1143368	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	341376	49.47	ng		0.00
7) Phenol-d6	7.30	99	532437	54.74	ng		0.00
23) Nitrobenzene-d5	9.32	82	601840	51.16	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	350700	56.73	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1332658	53.77	ng		0.00
78) Terphenyl-d14	20.15	244	2103411	51.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	62338	22.29	ng		95
3) Pyridine	3.98	79	224801	28.74	ng		92
4) n-Nitrosodimethylamine	3.89	42	94527	21.13	ng	#	77
6) Aniline	7.47	93	364265	28.25	ng		95
8) 2-Chlorophenol	7.72	128	182104	25.48	ng		97
9) Benzaldehyde	7.29	77	185216	54.11	ng		92
10) Phenol	7.33	94	272608	26.52	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	210964	24.93	ng		93
12) 1,3-Dichlorobenzene	8.04	146	223282	25.67	ng		96
13) 1,4-Dichlorobenzene	8.19	146	224181	25.71	ng		99
14) 1,2-Dichlorobenzene	8.51	146	220668	26.61	ng		97
15) Benzyl Alcohol	8.38	79	238567	26.51	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	259702	27.75	ng		94
17) 2-Methylphenol	8.59	107	170829	25.21	ng		94
18) Hexachloroethane	9.25	117	95924	26.58	ng		89
19) n-Nitroso-di-n-propylamine	8.95	70	238457	29.44	ng	#	99
20) 3+4-Methylphenols	8.93	107	249968	26.78	ng		92
22) Acetophenone	8.98	105	388252	26.97	ng	#	94
24) Nitrobenzene	9.37	77	316500	24.34	ng	#	96
25) Isophorone	9.89	82	609305	26.68	ng		99
26) 2-Nitrophenol	10.08	139	123967	26.47	ng		90
27) 2,4-Dimethylphenol	10.14	122	207126	23.15	ng		88
28) bis(2-Chloroethoxy)methane	10.37	93	335761	26.93	ng		98
29) 2,4-Dichlorophenol	10.62	162	231504	26.56	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	258194	24.94	ng		99
31) Naphthalene	11.03	128	655296	26.18	ng		100
32) Benzoic acid	10.25	122	167648	31.11	ng	#	87
33) 4-Chloroaniline	11.13	127	316752	29.38	ng		96
34) Hexachlorobutadiene	11.30	225	211267	26.26	ng		96
35) Caprolactam	11.89	113	86458	31.48	ng		96
36) 4-Chloro-3-methylphenol	12.25	107	306770	28.67	ng		96
37) 2-Methylnaphthalene	12.63	142	516776	26.63	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	434969	29.31	ng		97
40) Hexachlorocyclopentadiene	12.97	237	240947	20.34	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	248658	26.13	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	248842	24.99	ng		98
45) 1,1'-Biphenyl	13.63	154	770080	25.72	ng		98
46) 2-Chloronaphthalene	13.67	162	614333	24.94	ng		99
47) 2-Nitroaniline	13.87	65	262022	27.55	ng		98
48) Acenaphthylene	14.52	152	927595	25.96	ng		99
49) Dimethylphthalate	14.24	163	840621	25.78	ng		97
50) 2,6-Dinitrotoluene	14.37	165	184421	26.03	ng	#	82
51) Acenaphthene	14.86	154	604014	22.95	ng		98
52) 3-Nitroaniline	14.70	138	182038	27.46	ng		95
53) 2,4-Dinitrophenol	14.90	184	119059	27.28	ng		94
54) Dibenzofuran	15.19	168	914993	24.00	ng		97
55) 4-Nitrophenol	15.00	139	151477	27.02	ng		97
56) 2,4-Dinitrotoluene	15.15	165	262640	26.76	ng	#	90
57) Fluorene	15.85	166	779860	25.63	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	253501	24.56	ng	#	98
59) Diethylphthalate	15.60	149	839252	25.04	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	464291	25.63	ng		94
61) 4-Nitroaniline	15.86	138	191212	27.95	ng	#	88
62) Azobenzene	16.13	77	819031	22.56	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	183528	27.32	ng		96
65) n-Nitrosodiphenylamine	16.05	169	748666	25.69	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	324771	24.99	ng		94
67) Hexachlorobenzene	16.86	284	357327	26.01	ng		98
68) Atrazine	17.00	200	330649	26.87	ng		97
69) Pentachlorophenol	17.20	266	225074	23.80	ng		97
70) Phenanthrene	17.60	178	1276152	24.98	ng		97
71) Anthracene	17.69	178	1326277	25.23	ng		98
72) Carbazole	17.96	167	1115014	25.02	ng		97
73) Di-n-butylphthalate	18.50	149	1337769	25.78	ng		98
74) Fluoranthene	19.60	202	1568709	26.66	ng		97
76) Benzidine	19.78	184	851616	73.65	ng		100
77) Pyrene	19.97	202	1606144	27.77	ng		97
79) Butylbenzylphthalate	20.83	149	624312	24.93	ng		93
80) Benzo(a)anthracene	21.82	228	1635222	27.21	ng		95
81) 3,3'-Dichlorobenzidine	21.73	252	703405	28.34	ng		99
82) Chrysene	21.89	228	1549963	27.45	ng		96
83) Bis(2-ethylhexyl)phthalate	21.70	149	886269	25.14	ng		99
84) Di-n-octyl phthalate	22.96	149	1492327	25.68	ng		96
85) Indeno(1,2,3-cd)pyrene	29.02	276	1820480	24.53	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	1695949	24.67	ng		96
88) Benzo(k)fluoranthene	24.19	252	1650000	25.39	ng	#	99
89) Benzo(a)pyrene	25.03	252	1629066	24.31	ng	#	98
90) Dibenzo(a,h)anthracene	29.08	278	1600210	25.36	ng	#	94
91) Benzo(g,h,i)perylene	30.22	276	1589260	24.74	ng	#	93

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

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