Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080116\
Data File : BG023383.D
Acq On : 1 Aug 2016 14:33
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
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8/2/2016 5:10:19 PM

Quant Time: Aug 01 17:51:58 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:40:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	134027	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	651521	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	501803	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	1299211	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1182116	20.00	ng		0.00
86) Perylene-d12	25.24	264	1153048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	162733	20.73	ng		0.00
7) Phenol-d6	7.27	99	263707	21.88	ng		0.00
23) Nitrobenzene-d5	9.29	82	273281	20.51	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	154454	29.74	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	694231	25.89	ng		0.00
78) Terphenyl-d14	20.15	244	1204490	33.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	33651	9.99	ng	#	87
3) Pyridine	3.94	79	108399	9.20	ng	#	94
4) n-Nitrosodimethylamine	3.85	42	39363	7.39	ng	#	67
6) Aniline	7.43	93	187856	11.67	ng		90
8) 2-Chlorophenol	7.68	128	91946	10.50	ng		97
9) Benzaldehyde	7.25	77	89881	10.38	ng		93
10) Phenol	7.30	94	140421	11.04	ng	#	73
11) bis(2-Chloroethyl)ether	7.53	93	110703	10.24	ng		95
12) 1,3-Dichlorobenzene	8.01	146	107293m	10.87	ng		
13) 1,4-Dichlorobenzene	8.15	146	110458	10.97	ng		92
14) 1,2-Dichlorobenzene	8.48	146	109786	11.30	ng		91
15) Benzyl Alcohol	8.36	79	90791	11.19	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	166127	9.66	ng		87
17) 2-Methylphenol	8.57	107	89047	10.24	ng	#	83
18) Hexachloroethane	9.21	117	40802	9.73	ng		89
19) n-Nitroso-di-n-propylamine	8.92	70	116414	10.74	ng		90
20) 3+4-Methylphenols	8.89	107	127165	10.76	ng		89
22) Acetophenone	8.95	105	187938	11.05	ng	#	91
24) Nitrobenzene	9.34	77	148977	9.63	ng	#	86
25) Isophorone	9.86	82	289891	10.53	ng	#	94
26) 2-Nitrophenol	10.05	139	57246	9.80	ng	#	80
27) 2,4-Dimethylphenol	10.11	122	107432	10.91	ng		82
28) bis(2-Chloroethoxy)methane	10.34	93	178273	11.55	ng		96
29) 2,4-Dichlorophenol	10.60	162	106181	11.13	ng		97
30) 1,2,4-Trichlorobenzene	10.81	180	119070	11.30	ng		98
31) Naphthalene	11.00	128	363546	12.01	ng		98
32) Benzoic acid	10.19	122	49222	7.04	ng	#	75
33) 4-Chloroaniline	11.12	127	165672	11.85	ng	#	92
34) Hexachlorobutadiene	11.28	225	74872	10.84	ng		93
35) Caprolactam	11.87	113	46351	11.43	ng	#	88
36) 4-Chloro-3-methylphenol	12.24	107	151237	12.07	ng		90
37) 2-Methylnaphthalene	12.61	142	281032m	12.52	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	182000	11.20	ng		97
40) Hexachlorocyclopentadiene	12.95	237	77282	10.04	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	104284	10.93	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	108508	10.72	ng	#	96
45) 1,1'-Biphenyl	13.61	154	413724	11.82	ng		98
46) 2-Chloronaphthalene	13.66	162	310567	11.07	ng		97
47) 2-Nitroaniline	13.86	65	121946	10.28	ng		91
48) Acenaphthylene	14.51	152	521153	12.14	ng		99
49) Dimethylphthalate	14.23	163	436733	11.79	ng		99
50) 2,6-Dinitrotoluene	14.35	165	91822	10.59	ng	#	82
51) Acenaphthene	14.85	154	319238	11.46	ng		97
52) 3-Nitroaniline	14.69	138	108692	12.44	ng	#	84
53) 2,4-Dinitrophenol	14.90	184	47495	9.35	ng		88
54) Dibenzofuran	15.18	168	496025	12.59	ng		94
55) 4-Nitrophenol	15.02	139	79834	10.54	ng	#	71
56) 2,4-Dinitrotoluene	15.15	165	135027	11.06	ng		94
57) Fluorene	15.83	166	428769	12.32	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	107204	12.51	ng		97
59) Diethylphthalate	15.59	149	442556	11.67	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	218310	11.59	ng		93
61) 4-Nitroaniline	15.86	138	119189	13.01	ng	#	65
62) Azobenzene	16.11	77	444225	11.30	ng		90
64) 4,6-Dinitro-2-methylphenol	15.91	198	82236	9.86	ng		96
65) n-Nitrosodiphenylamine	16.04	169	412783	11.90	ng		98
66) 4-Bromophenyl-phenylether	16.72	248	150061	11.42	ng		98
67) Hexachlorobenzene	16.84	284	166453	12.60	ng		95
68) Atrazine	16.98	200	168194	12.64	ng		93
69) Pentachlorophenol	17.20	266	77643	9.52	ng		90
70) Phenanthrene	17.59	178	741530	13.05	ng		96
71) Anthracene	17.68	178	762461	13.28	ng		97
72) Carbazole	17.95	167	724301	13.77	ng		95
73) Di-n-butylphthalate	18.49	149	853153	14.54	ng	#	94
74) Fluoranthene	19.60	202	931763	14.37	ng		92
76) Benzidine	19.78	184	399607	12.02	ng		98
77) Pyrene	19.96	202	969276	14.45	ng		91
79) Butylbenzylphthalate	20.84	149	314446	10.65	ng		88
80) Benzo(a)anthracene	21.84	228	739134	11.94	ng		93
81) 3,3'-Dichlorobenzidine	21.75	252	266928	10.64	ng	#	99
82) Chrysene	21.91	228	709385	11.86	ng		96
83) Bis(2-ethylhexyl)phthalate	21.72	149	402898	9.76	ng	#	96
84) Di-n-octyl phthalate	22.99	149	693625	10.27	ng		96
85) Indeno(1,2,3-cd)pyrene	29.10	276	756876	10.85	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	677460	11.06	ng	#	97
88) Benzo(k)fluoranthene	24.23	252	679689	11.10	ng	#	97
89) Benzo(a)pyrene	25.08	252	658115	10.96	ng	#	94
90) Dibenzo(a,h)anthracene	29.17	278	663724	11.69	ng	#	92
91) Benzo(g,h,i)perylene	30.32	276	654988	10.96	ng	#	90

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

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