Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
Data File : BG022506.D
Acq On : 23 Jun 2016 5:49
Operator : UM/SJ
Sample : H3623-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SC-STA-1442(0-4)MS

Manual Integrations APPROVED
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6/23/2016 7:07:23 PM

Quant Time: Jun 23 16:06:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:27:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	30384	20.00	ng		-0.02
21) Naphthalene-d8	10.79	136	174543	20.00	ng		-0.02
38) Acenaphthene-d10	14.62	164	105039	20.00	ng		-0.01
63) Phenanthrene-d10	17.37	188	212605	20.00	ng		-0.01
75) Chrysene-d12	21.62	240	132604	20.00	ng		-0.02
86) Perylene-d12	24.80	264	116152	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	284858	181.27	ng		-0.02
7) Phenol-d6	7.15	99	415116	168.01	ng		-0.03
23) Nitrobenzene-d5	9.14	82	247759	98.96	ng		-0.02
41) 2,4,6-Tribromophenol	16.12	330	136261	114.81	ng		-0.01
44) 2-Fluorobiphenyl	13.24	172	642976	93.29	ng		-0.01
78) Terphenyl-d14	19.97	244	650599	116.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	22973	30.49	ng	#	55
3) Pyridine	3.74	79	35796	17.58	ng		96
4) n-Nitrosodimethylamine	3.64	42	21570	47.37	ng		97
6) Aniline	7.29	93	57355m	18.27	ng		
8) 2-Chlorophenol	7.53	128	118068	54.36	ng	#	80
10) Phenol	7.18	94	139532	54.77	ng		82
11) bis(2-Chloroethyl)ether	7.38	93	107888	53.12	ng	#	72
12) 1,3-Dichlorobenzene	7.85	146	99561	42.76	ng	#	91
13) 1,4-Dichlorobenzene	8.00	146	102873	44.35	ng		94
14) 1,2-Dichlorobenzene	8.32	146	104552	44.71	ng		97
15) Benzyl Alcohol	8.22	79	96209	60.27	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.50	45	109266	51.85	ng		80
17) 2-Methylphenol	8.44	107	107246	56.42	ng	#	84
18) Hexachloroethane	9.04	117	39454	46.58	ng		90
19) n-Nitroso-di-n-propylamine	8.78	70	88685	53.02	ng	#	68
20) 3+4-Methylphenols	8.77	107	152635	55.98	ng		96
22) Acetophenone	8.80	105	173815	46.21	ng	#	83
24) Nitrobenzene	9.18	77	124697	49.53	ng	#	80
25) Isophorone	9.71	82	263207	44.94	ng	#	93
26) 2-Nitrophenol	9.90	139	69442	50.87	ng	#	75
27) 2,4-Dimethylphenol	9.97	122	127290	51.51	ng		90
28) bis(2-Chloroethoxy)methane	10.19	93	168640	50.25	ng		94
29) 2,4-Dichlorophenol	10.45	162	117088	51.15	ng		96
30) 1,2,4-Trichlorobenzene	10.65	180	108182	42.30	ng		93
31) Naphthalene	10.84	128	394908	45.33	ng	#	94
32) Benzoic acid	10.17	122	56350	59.49	ng		86
33) 4-Chloroaniline	10.98	127	10236	2.83	ng	#	87
34) Hexachlorobutadiene	11.11	225	51409	37.44	ng		98
35) Caprolactam	11.75	113	45012m	35.85	ng		
36) 4-Chloro-3-methylphenol	12.10	107	140034	51.61	ng		85
37) 2-Methylnaphthalene	12.45	142	296241	46.06	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	117463	43.44	ng	#	97
40) Hexachlorocyclopentadiene	12.78	237	46713	36.85	ng		94
42) 2,4,6-Trichlorophenol	13.07	196	90447	49.86	ng		94

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.16	196	95654	47.73	ng		95
45) 1,1'-Biphenyl	13.45	154	385753	48.80	ng		93
46) 2-Chloronaphthalene	13.50	162	297835	49.15	ng		97
47) 2-Nitroaniline	13.71	65	77029	53.31	ng	#	61
48) Acenaphthylene	14.34	152	512362	48.19	ng		96
49) Dimethylphthalate	14.07	163	391576	44.96	ng		99
50) 2,6-Dinitrotoluene	14.21	165	90920	48.02	ng	#	78
51) Acenaphthene	14.68	154	308398	48.41	ng		93
52) 3-Nitroaniline	14.55	138	22090	10.52	ng	#	77
53) 2,4-Dinitrophenol	14.77	184	68270	87.17	ng	#	77
54) Dibenzofuran	15.02	168	476650	47.95	ng		98
55) 4-Nitrophenol	14.89	139	102335	70.61	ng	#	71
56) 2,4-Dinitrotoluene	15.00	165	127184	50.08	ng	#	89
57) Fluorene	15.66	166	404534	47.24	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.25	232	75329m	41.91	ng		
59) Diethylphthalate	15.43	149	419724	45.12	ng		98
60) 4-Chlorophenyl-phenylether	15.65	204	174489	44.99	ng		99
61) 4-Nitroaniline	15.71	138	75681m	33.98	ng		
62) Azobenzene	15.95	77	365587	51.89	ng		86
64) 4,6-Dinitro-2-methylphenol	15.77	198	53291	49.27	ng		83
65) n-Nitrosodiphenylamine	15.88	169	339609	55.45	ng		97
66) 4-Bromophenyl-phenylether	16.55	248	98861	49.63	ng		98
67) Hexachlorobenzene	16.67	284	102894	44.32	ng		93
68) Atrazine	16.82	200	91858	40.52	ng		96
69) Pentachlorophenol	17.03	266	71227	68.71	ng		98
70) Phenanthrene	17.41	178	563745	48.82	ng		97
71) Anthracene	17.50	178	562729	49.14	ng		96
72) Carbazole	17.77	167	491177	45.29	ng		97
73) Di-n-butylphthalate	18.31	149	714897	50.42	ng		98
74) Fluoranthene	19.41	202	534329	40.25	ng		94
76) Benzidine	19.64	184	9114m	2.63	ng		
77) Pyrene	19.78	202	514627	62.43	ng		98
79) Butylbenzylphthalate	20.65	149	248611	65.03	ng	#	91
80) Benzo(a)anthracene	21.60	228	383645	51.59	ng		99
81) 3,3'-Dichlorobenzidine	21.52	252	36757	17.61	ng	#	95
82) Chrysene	21.67	228	361010	49.89	ng		99
83) Bis(2-ethylhexyl)phthalate	21.48	149	350744	62.39	ng	#	94
84) Di-n-octyl phthalate	22.66	149	584833	62.65	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.47	276	362157	44.61	ng	#	77
87) Benzo(b)fluoranthene	23.79	252	345092	50.94	ng	#	94
88) Benzo(k)fluoranthene	23.86	252	336130	50.40	ng	#	93
89) Benzo(a)pyrene	24.65	252	332858	51.39	ng	#	93
90) Dibenzo(a,h)anthracene	28.50	278	301545	49.43	ng	#	87
91) Benzo(g,h,i)perylene	29.59	276	301891	47.57	ng	#	88

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

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