Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
Data File : BG022507.D
Acq On : 23 Jun 2016 6:29
Operator : UM/SJ
Sample : H3623-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
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6/23/2016 7:07:25 PM

Quant Time: Jun 23 16:10:40 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	38387	20.00	ng		-0.02
21) Naphthalene-d8	10.79	136	203406	20.00	ng		-0.02
38) Acenaphthene-d10	14.62	164	114442	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	210423	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	143052	20.00	ng		-0.02
86) Perylene-d12	24.81	264	110733	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	330062	166.24	ng		-0.03
7) Phenol-d6	7.15	99	460250	147.44	ng		-0.03
23) Nitrobenzene-d5	9.15	82	277076	94.97	ng		-0.02
41) 2,4,6-Tribromophenol	16.11	330	128175	99.12	ng		-0.02
44) 2-Fluorobiphenyl	13.24	172	683716	91.05	ng		0.00
78) Terphenyl-d14	19.96	244	612599	101.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	29455	30.94	ng	#	57
3) Pyridine	3.75	79	58421	22.71	ng		99
4) n-Nitrosodimethylamine	3.65	42	27244	47.36	ng	#	99
6) Aniline	7.30	93	65778m	16.59	ng		
8) 2-Chlorophenol	7.54	128	142467	51.92	ng	#	79
9) Benzaldehyde	7.11	77	7992	4.65	ng		93
10) Phenol	7.18	94	158444	49.23	ng		81
11) bis(2-Chloroethyl)ether	7.38	93	131483	51.24	ng	#	71
12) 1,3-Dichlorobenzene	7.85	146	119363	40.58	ng	#	92
13) 1,4-Dichlorobenzene	8.00	146	125107	42.69	ng		95
14) 1,2-Dichlorobenzene	8.32	146	123802	41.91	ng		96
15) Benzyl Alcohol	8.22	79	91065	45.15	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.50	45	128711	48.34	ng		80
17) 2-Methylphenol	8.44	107	123901	51.59	ng	#	85
18) Hexachloroethane	9.05	117	46827	43.76	ng	#	80
19) n-Nitroso-di-n-propylamine	8.78	70	101892	48.22	ng	#	67
20) 3+4-Methylphenols	8.77	107	169490	49.20	ng		98
22) Acetophenone	8.80	105	199354	45.48	ng	#	82
24) Nitrobenzene	9.19	77	143326	48.85	ng	#	83
25) Isophorone	9.71	82	297713	43.61	ng	#	93
26) 2-Nitrophenol	9.90	139	80435	50.56	ng	#	71
27) 2,4-Dimethylphenol	9.97	122	144778	50.28	ng		92
28) bis(2-Chloroethoxy)methane	10.19	93	186923	47.80	ng		93
29) 2,4-Dichlorophenol	10.46	162	131751	49.39	ng		96
30) 1,2,4-Trichlorobenzene	10.65	180	124954	41.92	ng		93
31) Naphthalene	10.84	128	448266	44.15	ng	#	95
32) Benzoic acid	10.17	122	67386	60.52	ng	#	81
33) 4-Chloroaniline	10.97	127	33055	7.83	ng	#	91
34) Hexachlorobutadiene	11.11	225	59873	37.42	ng		96
35) Caprolactam	11.75	113	42116m	28.78	ng		
36) 4-Chloro-3-methylphenol	12.11	107	145474	46.01	ng		85
37) 2-Methylnaphthalene	12.44	142	326003	43.49	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	127543	43.29	ng	#	97
40) Hexachlorocyclopentadiene	12.78	237	62890	44.32	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	95484	48.32	ng		94
43) 2,4,5-Trichlorophenol	13.16	196	97290	44.56	ng		97
45) 1,1'-Biphenyl	13.45	154	414271	48.10	ng		93
46) 2-Chloronaphthalene	13.50	162	318435	48.23	ng		97
47) 2-Nitroaniline	13.72	65	79998	50.82	ng	#	56
48) Acenaphthylene	14.35	152	530378	45.79	ng		97
49) Dimethylphthalate	14.08	163	398481	41.99	ng		99
50) 2,6-Dinitrotoluene	14.20	165	90210	43.73	ng	#	80
51) Acenaphthene	14.68	154	314640	45.34	ng		94
52) 3-Nitroaniline	14.55	138	31040	13.57	ng	#	79
53) 2,4-Dinitrophenol	14.76	184	72937	85.69	ng	#	77
54) Dibenzofuran	15.02	168	478145	44.15	ng		99
55) 4-Nitrophenol	14.89	139	89399	56.62	ng	#	71
56) 2,4-Dinitrotoluene	15.00	165	119075	43.03	ng	#	86
57) Fluorene	15.67	166	397925	42.65	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.26	232	74637m	38.11	ng		
59) Diethylphthalate	15.43	149	417873	41.23	ng		100
60) 4-Chlorophenyl-phenylether	15.66	204	177154	41.93	ng		96
61) 4-Nitroaniline	15.71	138	47758m	19.68	ng		
62) Azobenzene	15.95	77	338651	44.12	ng		87
64) 4,6-Dinitro-2-methylphenol	15.77	198	52411	49.00	ng	#	82
65) n-Nitrosodiphenylamine	15.87	169	255026	42.07	ng		97
66) 4-Bromophenyl-phenylether	16.55	248	95183	48.28	ng		98
67) Hexachlorobenzene	16.67	284	96515	42.00	ng		95
69) Pentachlorophenol	17.02	266	70043	68.31	ng		97
70) Phenanthrene	17.41	178	527486	46.15	ng		97
71) Anthracene	17.50	178	522514	46.10	ng		95
72) Carbazole	17.78	167	301756	28.11	ng		97
73) Di-n-butylphthalate	18.31	149	636133	45.33	ng		98
74) Fluoranthene	19.42	202	507783	38.65	ng		95
77) Pyrene	19.77	202	496575	55.84	ng		99
79) Butylbenzylphthalate	20.64	149	250774	60.80	ng	#	95
80) Benzo(a)anthracene	21.60	228	385316	48.03	ng		98
82) Chrysene	21.67	228	370051	47.41	ng		98
83) Bis(2-ethylhexyl)phthalate	21.48	149	360205	59.39	ng	#	95
84) Di-n-octyl phthalate	22.67	149	588554	58.44	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.46	276	361801	41.32	ng	#	78
87) Benzo(b)fluoranthene	23.79	252	354363	54.87	ng	#	94
88) Benzo(k)fluoranthene	23.86	252	342445	53.86	ng	#	94
89) Benzo(a)pyrene	24.66	252	323230	52.34	ng	#	92
90) Dibenzo(a,h)anthracene	28.51	278	305517	52.53	ng	#	87
91) Benzo(g,h,i)perylene	29.59	276	277180	45.81	ng	#	83

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

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