Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
Data File : BG022369.D
Acq On : 16 Jun 2016 16:57
Operator : UM/SJ
Sample : H3569-15MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMPMS

Quant Time: Jun 17 03:22:56 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25933	20.00	ng		-0.04
21) Naphthalene-d8	10.88	136	139957	20.00	ng		-0.03
38) Acenaphthene-d10	14.69	164	81484	20.00	ng		-0.03
63) Phenanthrene-d10	17.44	188	174173	20.00	ng		-0.03
75) Chrysene-d12	21.72	240	144777	20.00	ng		-0.02
86) Perylene-d12	24.98	264	130299	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	246750	183.97	ng		-0.01
7) Phenol-d6	7.26	99	384671	182.41	ng		0.00
23) Nitrobenzene-d5	9.23	82	208144	103.68	ng		-0.03
41) 2,4,6-Tribromophenol	16.19	330	115703	125.66	ng		-0.02
44) 2-Fluorobiphenyl	13.31	172	495283	92.63	ng		-0.03
78) Terphenyl-d14	20.04	244	568927	93.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	21607	33.60	ng	#	71
3) Pyridine	3.83	79	64940	37.37	ng		94
4) n-Nitrosodimethylamine	3.75	42	22039	56.71	ng		86
6) Aniline	7.38	93	79742	29.76	ng	#	85
8) 2-Chlorophenol	7.63	128	104156	56.18	ng		84
9) Benzaldehyde	7.20	77	2352	2.03	ng		94
10) Phenol	7.28	94	136831	62.93	ng		87
11) bis(2-Chloroethyl)ether	7.47	93	93430	53.89	ng	#	77
12) 1,3-Dichlorobenzene	7.94	146	93489	47.05	ng	#	92
13) 1,4-Dichlorobenzene	8.09	146	95542	48.25	ng		95
14) 1,2-Dichlorobenzene	8.41	146	94781	47.49	ng		98
15) Benzyl Alcohol	8.31	79	79831	58.59	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	107114	59.55	ng		86
17) 2-Methylphenol	8.53	107	96348	59.38	ng	#	90
18) Hexachloroethane	9.14	117	36360	50.29	ng	#	83
19) n-Nitroso-di-n-propylamine	8.86	70	78716	55.14	ng	#	73
20) 3+4-Methylphenols	8.87	107	132388	56.89	ng	#	88
22) Acetophenone	8.88	105	151468	50.22	ng	#	86
24) Nitrobenzene	9.27	77	110354	54.67	ng	#	85
25) Isophorone	9.79	82	226988	48.33	ng		96
26) 2-Nitrophenol	9.99	139	59556	54.40	ng	#	80
27) 2,4-Dimethylphenol	10.06	122	108215	54.62	ng		89
28) bis(2-Chloroethoxy)methane	10.27	93	140209	52.11	ng		93
29) 2,4-Dichlorophenol	10.55	162	100091	54.53	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	95449	46.54	ng		95
31) Naphthalene	10.93	128	338178	48.41	ng	#	95
32) Benzoic acid	10.22	122	8075	19.73	ng	#	79
33) 4-Chloroaniline	11.06	127	24149	8.31	ng	#	89
34) Hexachlorobutadiene	11.19	225	50120	45.52	ng		97
35) Caprolactam	11.83	113	40316m	40.04	ng		
36) 4-Chloro-3-methylphenol	12.20	107	117272	53.90	ng		89
37) 2-Methylnaphthalene	12.53	142	242637	47.05	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	100502	47.91	ng		97
40) Hexachlorocyclopentadiene	12.86	237	66029	62.92	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	74943	53.26	ng		97
43) 2,4,5-Trichlorophenol	13.24	196	76622	49.29	ng		98
45) 1,1'-Biphenyl	13.53	154	312859	51.02	ng		93
46) 2-Chloronaphthalene	13.58	162	239644	50.98	ng		98
47) 2-Nitroaniline	13.80	65	65144	58.12	ng	#	58
48) Acenaphthylene	14.42	152	410559	49.78	ng		98
49) Dimethylphthalate	14.15	163	442150	65.44	ng		99
50) 2,6-Dinitrotoluene	14.28	165	72355	49.26	ng	#	82
51) Acenaphthene	14.76	154	240893	48.75	ng		94
52) 3-Nitroaniline	14.62	138	31742	19.49	ng	#	84
53) 2,4-Dinitrophenol	14.84	184	42308	71.83	ng	#	82
54) Dibenzofuran	15.09	168	373612	48.45	ng		99
55) 4-Nitrophenol	14.99	139	96929	86.22	ng	#	79
56) 2,4-Dinitrotoluene	15.07	165	99515	50.51	ng	#	91
57) Fluorene	15.74	166	314316	47.31	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.33	232	63277	45.38	ng		90
59) Diethylphthalate	15.50	149	332254	46.04	ng		99
60) 4-Chlorophenyl-phenylether	15.73	204	139661	46.42	ng		96
61) 4-Nitroaniline	15.79	138	67547	39.10	ng	#	81
62) Azobenzene	16.02	77	290552	53.16	ng		88
64) 4,6-Dinitro-2-methylphenol	15.84	198	44977	50.60	ng		85
65) n-Nitrosodiphenylamine	15.95	169	266486	53.11	ng		98
66) 4-Bromophenyl-phenylether	16.62	248	80253	49.17	ng		98
67) Hexachlorobenzene	16.75	284	85380	44.89	ng		99
68) Atrazine	16.89	200	84301	45.39	ng		97
69) Pentachlorophenol	17.10	266	63094	73.75	ng		98
70) Phenanthrene	17.49	178	461912	48.83	ng		98
71) Anthracene	17.57	178	461290	49.17	ng		97
72) Carbazole	17.86	167	427170	48.07	ng		96
73) Di-n-butylphthalate	18.38	149	557962	48.03	ng		98
74) Fluoranthene	19.49	202	489217	44.98	ng		97
76) Benzidine	19.68	184	167040	44.12	ng		99
77) Pyrene	19.85	202	485579	53.95	ng		99
79) Butylbenzylphthalate	20.72	149	239712	57.43	ng		93
80) Benzo(a)anthracene	21.69	228	404722	49.85	ng		98
81) 3,3'-Dichlorobenzidine	21.61	252	46484	20.40	ng	#	98
82) Chrysene	21.76	228	384214	48.64	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	344588	56.14	ng		96
84) Di-n-octyl phthalate	22.78	149	579910	56.90	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.75	276	404083	45.59	ng	#	83
87) Benzo(b)fluoranthene	23.93	252	383564	50.47	ng	#	94
88) Benzo(k)fluoranthene	24.00	252	375168	50.15	ng	#	95
89) Benzo(a)pyrene	24.83	252	358118	49.29	ng	#	95
90) Dibenzo(a,h)anthracene	28.80	278	328758	48.04	ng	#	92
91) Benzo(g,h,i)perylene	29.96	276	337409	47.39	ng	#	92

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

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