Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025565.D
Acq On : 21 Jan 2017 9:24
Operator : UM/SJ
Sample : I1260-04MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-0-12FT-COMPMS

Manual Integrations APPROVED
mohammad
1/23/2017 4:59:49 PM

Quant Time: Jan 23 00:50:33 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	64056	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	276423	20.00	ng		-0.03
38) Acenaphthene-d10	14.81	164	222234	20.00	ng		-0.02
63) Phenanthrene-d10	17.55	188	527300	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	716889	20.00	ng		-0.02
86) Perylene-d12	25.23	264	741641	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	627541	178.07	ng		-0.02
7) Phenol-d6	7.34	99	844072	170.07	ng		-0.01
23) Nitrobenzene-d5	9.36	82	705716	112.78	ng		-0.02
41) 2,4,6-Tribromophenol	16.30	330	584753	163.44	ng		-0.02
44) 2-Fluorobiphenyl	13.43	172	1463794	106.64	ng		-0.02
78) Terphenyl-d14	20.14	244	2698815	99.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	77513	51.55	ng	#	45
3) Pyridine	3.98	79	191862	44.02	ng		96
4) n-Nitrosodimethylamine	3.89	42	143677	55.53	ng	#	98
6) Aniline	7.51	93	113305	16.85	ng		97
8) 2-Chlorophenol	7.74	128	218955	55.08	ng		93
9) Benzaldehyde	7.33	77	16341	4.50	ng	#	79
10) Phenol	7.37	94	305209	55.47	ng		96
11) bis(2-Chloroethyl)ether	7.59	93	235208	55.48	ng		96
12) 1,3-Dichlorobenzene	8.06	146	245713	51.08	ng		97
13) 1,4-Dichlorobenzene	8.21	146	261479	52.45	ng		97
14) 1,2-Dichlorobenzene	8.54	146	246102	51.73	ng		98
15) Benzyl Alcohol	8.43	79	274644	57.96	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.71	45	444961	56.68	ng		97
17) 2-Methylphenol	8.63	107	210748	58.33	ng		98
18) Hexachloroethane	9.26	117	101516	53.02	ng		93
19) n-Nitroso-di-n-propylamine	8.98	70	240707	57.42	ng		99
20) 3+4-Methylphenols	8.97	107	293265	58.65	ng		97
22) Acetophenone	9.02	105	394477	51.36	ng	#	91
24) Nitrobenzene	9.41	77	370715	54.02	ng		96
25) Isophorone	9.92	82	637345	56.26	ng		98
26) 2-Nitrophenol	10.12	139	136577	52.03	ng		97
27) 2,4-Dimethylphenol	10.17	122	244403	56.64	ng		99
28) bis(2-Chloroethoxy)methane	10.39	93	346499	58.89	ng		99
29) 2,4-Dichlorophenol	10.66	162	267138	57.85	ng		96
30) 1,2,4-Trichlorobenzene	10.86	180	276625	49.58	ng		97
31) Naphthalene	11.06	128	716776	51.93	ng		99
32) Benzoic acid	10.33	122	128119	36.92	ng		94
33) 4-Chloroaniline	11.20	127	18354	3.16	ng	#	87
34) Hexachlorobutadiene	11.32	225	221849	48.72	ng		97
35) Caprolactam	11.96	113	78843m	45.44	ng		
36) 4-Chloro-3-methylphenol	12.29	107	314848	55.24	ng		95
37) 2-Methylnaphthalene	12.65	142	563343	55.07	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	384437	52.40	ng		96
40) Hexachlorocyclopentadiene	12.97	237	352372	126.01	ng		93

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Quant Time: Jan 23 00:50:33 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	251778	54.50	ng		98
43) 2,4,5-Trichlorophenol	13.34	196	255289	52.79	ng		98
45) 1,1'-Biphenyl	13.64	154	787991	52.72	ng		97
46) 2-Chloronaphthalene	13.69	162	627605	53.74	ng		98
47) 2-Nitroaniline	13.91	65	269216	54.62	ng		98
48) Acenaphthylene	14.53	152	932662	51.53	ng		100
49) Dimethylphthalate	14.25	163	865615	53.43	ng		99
50) 2,6-Dinitrotoluene	14.39	165	195223	55.16	ng		95
51) Acenaphthene	14.88	154	624339	52.74	ng		96
52) 3-Nitroaniline	14.74	138	47102	13.84	ng		86
53) 2,4-Dinitrophenol	14.96	184	244906	103.90	ng		87
54) Dibenzofuran	15.20	168	1022750	54.65	ng		98
55) 4-Nitrophenol	15.06	139	257150	101.18	ng	#	89
56) 2,4-Dinitrotoluene	15.19	165	288914	56.06	ng	#	93
57) Fluorene	15.85	166	834999	53.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	278546	53.77	ng		93
59) Diethylphthalate	15.60	149	911201	53.63	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	476821	53.70	ng		95
61) 4-Nitroaniline	15.90	138	157323	45.95	ng	#	84
62) Azobenzene	16.13	77	976931	59.62	ng		99
64) 4,6-Dinitro-2-methylphenol	15.96	198	192813	52.80	ng		93
65) n-Nitrosodiphenylamine	16.06	169	776219	54.46	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	338443	52.03	ng		94
67) Hexachlorobenzene	16.86	284	377443	50.56	ng	#	89
68) Atrazine	16.99	200	361266	57.85	ng		98
69) Pentachlorophenol	17.21	266	411804	106.41	ng		95
70) Phenanthrene	17.60	178	1448065	53.29	ng		98
71) Anthracene	17.69	178	1469584	53.23	ng		100
72) Carbazole	17.97	167	1334676	54.04	ng		97
73) Di-n-butylphthalate	18.48	149	1648617	54.26	ng		98
74) Fluoranthene	19.60	202	1920793	53.52	ng		96
76) Benzidine	19.78	184	82861	4.63	ng		100
77) Pyrene	19.96	202	1948914	52.02	ng		98
79) Butylbenzylphthalate	20.81	149	844005	56.10	ng		97
80) Benzo(a)anthracene	21.82	228	2138546	53.48	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	326983	21.05	ng		99
82) Chrysene	21.90	228	2006227	52.32	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	1199372	57.29	ng		97
84) Di-n-octyl phthalate	22.91	149	2033025	58.49	ng		97
85) Indeno(1,2,3-cd)pyrene	29.14	276	2777131	56.97	ng	#	96
87) Benzo(b)fluoranthene	24.15	252	2258074	55.80	ng		99
88) Benzo(k)fluoranthene	24.22	252	2203314	56.38	ng		98
89) Benzo(a)pyrene	25.07	252	2186551	55.95	ng		97
90) Dibenzo(a,h)anthracene	29.18	278	2320951	56.03	ng		98
91) Benzo(g,h,i)perylene	30.36	276	2282076	55.44	ng		98

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

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