Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
Data File : BG023103.D
Acq On : 14 Jul 2016 16:11
Operator : UM/SJ
Sample : H3995-28MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LSS-MW-SB22(20)MSD

Manual Integrations
APPROVED
Sohil
7/15/2016 9:14:20 AM

Quant Time: Jul 14 19:06:48 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	129957	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	633434	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	482330	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	1107698	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1172493	20.00	ng		0.01
86) Perylene-d12	25.25	264	1208407	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	613344	77.19	ng		0.00
7) Phenol-d6	7.31	99	738919	59.37	ng		0.00
23) Nitrobenzene-d5	9.33	82	1273340	86.08	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	916046	105.67	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2472935	80.76	ng		0.00
78) Terphenyl-d14	20.16	244	3019819	79.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	52390	16.96	ng		96
3) Pyridine	3.97	79	236021	22.33	ng	#	92
4) n-Nitrosodimethylamine	3.88	42	123271	27.19	ng	#	97
6) Aniline	7.47	93	345203	20.01	ng		98
8) 2-Chlorophenol	7.72	128	258013	30.51	ng		97
9) Benzaldehyde	7.28	77	119536	14.37	ng		93
10) Phenol	7.34	94	416444	32.52	ng		91
11) bis(2-Chloroethyl)ether	7.57	93	265445	26.15	ng		95
12) 1,3-Dichlorobenzene	8.04	146	255125	24.65	ng		95
13) 1,4-Dichlorobenzene	8.19	146	262311	25.31	ng		95
14) 1,2-Dichlorobenzene	8.51	146	254267	24.68	ng		99
15) Benzyl Alcohol	8.40	79	353543	31.02	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	337689	27.24	ng		92
17) 2-Methylphenol	8.60	107	265770	31.88	ng		90
18) Hexachloroethane	9.25	117	104533	23.90	ng	#	84
19) n-Nitroso-di-n-propylamine	8.96	70	296447	26.42	ng		92
20) 3+4-Methylphenols	8.93	107	379105	32.61	ng		95
22) Acetophenone	8.98	105	468151	24.63	ng	#	94
24) Nitrobenzene	9.37	77	432909	27.54	ng		95
25) Isophorone	9.89	82	772493	25.96	ng		99
26) 2-Nitrophenol	10.09	139	164980	26.75	ng		89
27) 2,4-Dimethylphenol	10.14	122	296133	27.77	ng		94
28) bis(2-Chloroethoxy)methane	10.38	93	433963	26.15	ng		97
29) 2,4-Dichlorophenol	10.63	162	323723	28.47	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	320807	24.62	ng		97
31) Naphthalene	11.03	128	828947	25.71	ng		99
32) Benzoic acid	10.28	122	192761	19.87	ng		95
33) 4-Chloroaniline	11.15	127	186954	11.86	ng		97
34) Hexachlorobutadiene	11.31	225	242851	22.99	ng		93
35) Caprolactam	11.93	113	114044	24.38	ng		90
36) 4-Chloro-3-methylphenol	12.26	107	413684	26.60	ng		99
37) 2-Methylnaphthalene	12.63	142	671386	26.34	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	435335	20.94	ng		99
40) Hexachlorocyclopentadiene	12.97	237	525051	43.88	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	321174	26.88	ng		97
43) 2,4,5-Trichlorophenol	13.31	196	331306	27.00	ng		96
45) 1,1'-Biphenyl	13.63	154	962826	26.60	ng		99
46) 2-Chloronaphthalene	13.68	162	780326	26.58	ng		97
47) 2-Nitroaniline	13.88	65	345766	27.60	ng		96
48) Acenaphthylene	14.52	152	1160196	26.35	ng		99
49) Dimethylphthalate	14.25	163	1092990	27.74	ng		98
50) 2,6-Dinitrotoluene	14.38	165	241116	27.23	ng	#	84
51) Acenaphthene	14.87	154	768327	26.70	ng		96
52) 3-Nitroaniline	14.71	138	124680	14.12	ng		90
53) 2,4-Dinitrophenol	14.91	184	297125	48.90	ng		94
54) Dibenzofuran	15.20	168	1236468	28.71	ng		98
55) 4-Nitrophenol	15.02	139	385278	52.06	ng		95
56) 2,4-Dinitrotoluene	15.16	165	347506	26.92	ng	#	97
57) Fluorene	15.85	166	986781	26.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	339097m	27.63	ng		
59) Diethylphthalate	15.60	149	1082157	26.99	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	559751	24.79	ng		99
61) 4-Nitroaniline	15.87	138	225228	23.57	ng	#	82
62) Azobenzene	16.13	77	1202795	31.37	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	216626	26.31	ng		94
65) n-Nitrosodiphenylamine	16.06	169	920209	28.83	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	366847	25.45	ng		93
67) Hexachlorobenzene	16.86	284	387222	24.71	ng		96
68) Atrazine	17.00	200	364677	25.76	ng		99
69) Pentachlorophenol	17.20	266	520113	51.25	ng		97
70) Phenanthrene	17.60	178	1541343	28.39	ng		98
71) Anthracene	17.69	178	1577231	28.69	ng		100
72) Carbazole	17.96	167	1363929	28.72	ng		98
73) Di-n-butylphthalate	18.50	149	1650739	31.25	ng		99
74) Fluoranthene	19.61	202	1793746	26.93	ng		97
76) Benzidine	19.79	184	247710	7.37	ng		100
77) Pyrene	19.97	202	1813007	27.52	ng		97
79) Butylbenzylphthalate	20.84	149	815588	31.25	ng		96
80) Benzo(a)anthracene	21.84	228	1898993	28.95	ng		96
81) 3,3'-Dichlorobenzidine	21.75	252	384750	13.36	ng		98
82) Chrysene	21.91	228	1751256	28.46	ng		99
83) Bis(2-ethylhexyl)phthalate	21.72	149	1115440	30.78	ng		99
84) Di-n-octyl phthalate	22.98	149	1862195	30.81	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	2112809	26.93	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	1970095	28.26	ng		99
88) Benzo(k)fluoranthene	24.24	252	1860733	28.12	ng	#	98
89) Benzo(a)pyrene	25.09	252	1919624	28.72	ng	#	97
90) Dibenzo(a,h)anthracene	29.17	278	1745661	26.32	ng	#	96
91) Benzo(g,h,i)perylene	30.31	276	1715705	25.83	ng		97

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

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