Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071416\
Data File : BG023099.D
Acq On : 14 Jul 2016 13:30
Operator : UM/SJ
Sample : H3996-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B7-B2(5-12)CMSD

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

Quant Time: Jul 14 19:06:03 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	8.16	152	108640	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	507639	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	391205	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	907873	20.00	ng		0.00
75) Chrysene-d12	21.86	240	977816	20.00	ng		0.02
86) Perylene-d12	25.24	264	988175	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	716437	107.86	ng		0.00
7) Phenol-d6	7.31	99	1162607	111.75	ng		0.00
23) Nitrobenzene-d5	9.33	82	811512	68.45	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	577700	82.17	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1575187	63.42	ng		0.00
78) Terphenyl-d14	20.15	244	2248357	67.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	111136	43.04	ng		97
3) Pyridine	3.97	79	242556	27.45	ng		92
4) n-Nitrosodimethylamine	3.88	42	125119	33.01	ng	#	95
6) Aniline	7.47	93	385611	26.74	ng		96
8) 2-Chlorophenol	7.71	128	262345	37.11	ng		94
9) Benzaldehyde	7.29	77	137759	19.82	ng		96
10) Phenol	7.34	94	424293	39.64	ng		92
11) bis(2-Chloroethyl)ether	7.56	93	277232	32.68	ng		93
12) 1,3-Dichlorobenzene	8.04	146	261892	30.27	ng		96
13) 1,4-Dichlorobenzene	8.19	146	276304	31.90	ng		94
14) 1,2-Dichlorobenzene	8.51	146	266660	30.96	ng		97
15) Benzyl Alcohol	8.39	79	360128	37.79	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	349334	33.71	ng		91
17) 2-Methylphenol	8.60	107	266072	38.18	ng		92
18) Hexachloroethane	9.24	117	108743	29.74	ng		92
19) n-Nitroso-di-n-propylamine	8.95	70	308692	32.91	ng		92
20) 3+4-Methylphenols	8.92	107	380259	39.13	ng		97
22) Acetophenone	8.98	105	488574	32.07	ng	#	94
24) Nitrobenzene	9.37	77	440481	34.97	ng		95
25) Isophorone	9.89	82	796279	33.39	ng		98
26) 2-Nitrophenol	10.09	139	167024	33.79	ng		90
27) 2,4-Dimethylphenol	10.14	122	286247	33.50	ng		99
28) bis(2-Chloroethoxy)methane	10.37	93	440066	33.09	ng		97
29) 2,4-Dichlorophenol	10.63	162	332536	36.49	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	327508	31.36	ng		95
31) Naphthalene	11.03	128	848495	32.83	ng		98
32) Benzoic acid	10.22	122	46502	5.98	ng		96
33) 4-Chloroaniline	11.14	127	281318	22.26	ng		94
34) Hexachlorobutadiene	11.31	225	247151	29.19	ng		98
35) Caprolactam	11.91	113	116138	30.98	ng		97
36) 4-Chloro-3-methylphenol	12.26	107	415269	33.32	ng		94
37) 2-Methylnaphthalene	12.63	142	685809	33.58	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	437364	25.94	ng		98
40) Hexachlorocyclopentadiene	12.97	237	519973	53.58	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	319041	32.93	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	343164	34.49	ng		97
45) 1,1'-Biphenyl	13.63	154	949686	32.35	ng		99
46) 2-Chloronaphthalene	13.68	162	782513	32.86	ng		96
47) 2-Nitroaniline	13.88	65	341893	33.65	ng		98
48) Acenaphthylene	14.53	152	1175785	32.92	ng		100
49) Dimethylphthalate	14.25	163	1787938	55.95	ng	#	95
50) 2,6-Dinitrotoluene	14.38	165	247304	34.44	ng		89
51) Acenaphthene	14.86	154	949246m	40.67	ng		
52) 3-Nitroaniline	14.71	138	190940	26.66	ng		93
53) 2,4-Dinitrophenol	14.91	184	241151	48.94	ng		97
54) Dibenzofuran	15.20	168	1260441	36.08	ng		99
55) 4-Nitrophenol	15.02	139	371680	61.92	ng		96
56) 2,4-Dinitrotoluene	15.16	165	354601	33.87	ng		95
57) Fluorene	15.85	166	998026	33.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	337974m	33.95	ng		
59) Diethylphthalate	15.61	149	1087816	33.46	ng		99
60) 4-Chlorophenyl-phenylether	15.83	204	581503	31.75	ng		98
61) 4-Nitroaniline	15.88	138	236941	30.58	ng		89
62) Azobenzene	16.13	77	1205651	38.77	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	211846	31.40	ng		96
65) n-Nitrosodiphenylamine	16.06	169	931730	35.62	ng		99
66) 4-Bromophenyl-phenylether	16.73	248	382276	32.36	ng		97
67) Hexachlorobenzene	16.86	284	393202	30.62	ng		97
68) Atrazine	17.00	200	385571	33.23	ng		98
69) Pentachlorophenol	17.20	266	509399	61.25	ng		98
70) Phenanthrene	17.60	178	1577592	35.46	ng		98
71) Anthracene	17.69	178	1608382	35.70	ng		99
72) Carbazole	17.96	167	1400452	35.97	ng		99
73) Di-n-butylphthalate	18.50	149	1644400	37.98	ng		98
74) Fluoranthene	19.61	202	1782407	32.64	ng		96
76) Benzidine	19.78	184	1095411	39.08	ng		99
77) Pyrene	19.96	202	1816709	33.06	ng		97
79) Butylbenzylphthalate	20.84	149	784202	36.03	ng		95
80) Benzo(a)anthracene	21.84	228	1864416	34.08	ng		97
81) 3,3'-Dichlorobenzidine	21.75	252	591643	24.64	ng		99
82) Chrysene	21.91	228	1745153	34.01	ng		99
83) Bis(2-ethylhexyl)phthalate	21.72	149	1101133	36.43	ng		99
84) Di-n-octyl phthalate	22.98	149	1855469	36.81	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	2048638	31.31	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	1967123	34.50	ng		98
88) Benzo(k)fluoranthene	24.23	252	1865540	34.48	ng	#	99
89) Benzo(a)pyrene	25.08	252	1921834	35.17	ng	#	98
90) Dibenzo(a,h)anthracene	29.17	278	1707502	31.48	ng	#	96
91) Benzo(g,h,i)perylene	30.31	276	1672380	30.79	ng	#	96

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

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