Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023015.D
Acq On : 12 Jul 2016 00:38
Operator : UM/SJ
Sample : H3967-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0005MSD

Manual Integrations APPROVED
sohil
7/12/2016 7:33:38 PM

Quant Time: Jul 12 04:41:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	109229	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	525457	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	402290	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	896008	20.00	ng		0.00
75) Chrysene-d12	21.87	240	991758	20.00	ng		0.02
86) Perylene-d12	25.25	264	1015676	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	455699	68.23	ng		0.00
7) Phenol-d6	7.31	99	465059	44.46	ng		0.00
23) Nitrobenzene-d5	9.33	82	1121314	91.38	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	795411	110.01	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2191102	85.79	ng		0.00
78) Terphenyl-d14	20.16	244	2829687	94.36	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.97	79	115124	12.96	ng		91
4) n-Nitrosodimethylamine	3.88	42	71051	18.64	ng	#	98
6) Aniline	7.47	93	343069	23.67	ng		95
8) 2-Chlorophenol	7.71	128	301306	42.39	ng		98
9) Benzaldehyde	7.28	77	434699	62.19	ng	#	1
10) Phenol	7.33	94	182378	16.95	ng		91
11) bis(2-Chloroethyl)ether	7.57	93	395643	46.38	ng		92
12) 1,3-Dichlorobenzene	8.04	146	298553	34.32	ng		95
13) 1,4-Dichlorobenzene	8.19	146	312935	35.93	ng		97
14) 1,2-Dichlorobenzene	8.51	146	317452	36.66	ng		95
15) Benzyl Alcohol	8.39	79	336416	35.11	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	462856	44.42	ng		93
17) 2-Methylphenol	8.60	107	261758	37.36	ng		96
18) Hexachloroethane	9.25	117	231953	63.09	ng	#	19
19) n-Nitroso-di-n-propylamine	8.96	70	429107	45.51	ng		97
20) 3+4-Methylphenols	8.93	107	324285	33.19	ng		95
22) Acetophenone	8.98	105	1008180	63.93	ng	#	90
24) Nitrobenzene	9.37	77	623028	47.78	ng		97
25) Isophorone	9.89	82	1113718	45.12	ng		97
26) 2-Nitrophenol	10.09	139	229916	44.94	ng		86
27) 2,4-Dimethylphenol	10.14	122	378060	42.74	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	610446	44.35	ng		98
29) 2,4-Dichlorophenol	10.63	162	431110	45.70	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	421201	38.97	ng		98
31) Naphthalene	11.03	128	2187296	81.77	ng		94
32) Benzoic acid	10.25	122	100919	12.54	ng	#	81
33) 4-Chloroaniline	11.15	127	262722	20.08	ng		93
34) Hexachlorobutadiene	11.31	225	299302	34.16	ng		97
35) Caprolactam	12.02	113	36183m	9.32	ng		
36) 4-Chloro-3-methylphenol	12.26	107	519198	40.24	ng		99
37) 2-Methylnaphthalene	12.63	142	1183526	55.98	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	625745	36.09	ng		98
40) Hexachlorocyclopentadiene	12.97	237	639161	64.04	ng		97
42) 2,4,6-Trichlorophenol	13.24	196	443096	44.47	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	460885	45.04	ng		94
45) 1,1'-Biphenyl	13.63	154	1337340	44.31	ng		99
46) 2-Chloronaphthalene	13.68	162	1111607	45.40	ng		97
47) 2-Nitroaniline	13.88	65	485401	46.46	ng		95
48) Acenaphthylene	14.52	152	1632779	44.45	ng		98
49) Dimethylphthalate	14.25	163	1542620	46.94	ng		97
50) 2,6-Dinitrotoluene	14.37	165	342327	46.35	ng		92
51) Acenaphthene	14.86	154	1081469	45.06	ng		98
52) 3-Nitroaniline	14.71	138	169280	22.99	ng		92
53) 2,4-Dinitrophenol	14.91	184	394929	77.93	ng		97
54) Dibenzofuran	15.20	168	1701613	47.36	ng		98
55) 4-Nitrophenol	15.02	139	196484	31.83	ng		95
56) 2,4-Dinitrotoluene	15.16	165	488929	45.41	ng	#	95
57) Fluorene	15.85	166	1395077	45.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	463355	45.26	ng		97
59) Diethylphthalate	15.60	149	1508872	45.13	ng		96
60) 4-Chlorophenyl-phenylether	15.83	204	813479	43.20	ng		95
61) 4-Nitroaniline	15.87	138	286769	35.99	ng		88
62) Azobenzene	16.13	77	1617192	50.57	ng		94
64) 4,6-Dinitro-2-methylphenol	15.93	198	293665	44.10	ng		95
65) n-Nitrosodiphenylamine	16.05	169	1291617	50.03	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	545452	46.79	ng		98
67) Hexachlorobenzene	16.86	284	577443	45.56	ng		99
68) Atrazine	17.01	200	507093	44.29	ng		99
69) Pentachlorophenol	17.21	266	766541	93.39	ng		95
70) Phenanthrene	17.60	178	2095970	47.73	ng		96
71) Anthracene	17.70	178	2130267	47.91	ng		96
72) Carbazole	17.97	167	1872945	48.75	ng		97
73) Di-n-butylphthalate	18.51	149	2207611	51.67	ng		98
74) Fluoranthene	19.61	202	2393809	44.42	ng		95
77) Pyrene	19.97	202	2447995	43.92	ng		99
79) Butylbenzylphthalate	20.85	149	1121418	50.80	ng		97
80) Benzo(a)anthracene	21.85	228	2645528	47.68	ng		99
81) 3,3'-Dichlorobenzidine	21.76	252	490211	20.13	ng	#	98
82) Chrysene	21.92	228	2426500	46.62	ng		96
83) Bis(2-ethylhexyl)phthalate	21.73	149	1527555	49.83	ng		97
84) Di-n-octyl phthalate	23.00	149	2533846	49.57	ng		100
85) Indeno(1,2,3-cd)pyrene	29.13	276	3206303	48.31	ng	#	100
87) Benzo(b)fluoranthene	24.18	252	2783762	47.51	ng		98
88) Benzo(k)fluoranthene	24.25	252	2686266	48.31	ng	#	96
89) Benzo(a)pyrene	25.09	252	2771627	49.34	ng	#	96
90) Dibenzo(a,h)anthracene	29.20	278	2678831	48.05	ng	#	93
91) Benzo(g,h,i)perylene	30.35	276	2643048	47.34	ng	#	96

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

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