Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023056.D
Acq On : 13 Jul 2016 4:48
Operator : UM/SJ
Sample : H3995-27MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations APPROVED
umangi
7/13/2016 6:28:43 PM

Quant Time: Jul 13 07:05:07 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	89684	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	461645	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	357187	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	799249	20.00	ng		0.00
75) Chrysene-d12	21.87	240	896458	20.00	ng		0.02
86) Perylene-d12	25.25	264	917184	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	369616	67.40	ng		0.00
7) Phenol-d6	7.30	99	377006	43.90	ng		0.00
23) Nitrobenzene-d5	9.33	82	1044804	96.91	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	750995	116.99	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2123285	93.63	ng		0.00
78) Terphenyl-d14	20.16	244	2616422	98.20	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.97	79	72760	9.98	ng		95
4) n-Nitrosodimethylamine	3.88	42	33664	10.76	ng	#	85
6) Aniline	7.47	93	83929	7.05	ng		96
8) 2-Chlorophenol	7.71	128	75554	12.95	ng		97
9) Benzaldehyde	7.28	77	37985	6.62	ng		90
10) Phenol	7.33	94	122447	13.86	ng		99
11) bis(2-Chloroethyl)ether	7.56	93	77423	11.05	ng		84
12) 1,3-Dichlorobenzene	8.04	146	75264	10.54	ng		93
13) 1,4-Dichlorobenzene	8.18	146	77183	10.79	ng		93
14) 1,2-Dichlorobenzene	8.51	146	78239	11.01	ng	#	82
15) Benzyl Alcohol	8.39	79	104416	13.27	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.68	45	98054	11.46	ng		86
17) 2-Methylphenol	8.60	107	78080	13.57	ng		94
18) Hexachloroethane	9.25	117	29359	9.73	ng		91
19) n-Nitroso-di-n-propylamine	8.95	70	87268	11.27	ng	#	96
20) 3+4-Methylphenols	8.92	107	111460	13.89	ng		97
22) Acetophenone	8.98	105	143936	10.39	ng	#	88
24) Nitrobenzene	9.37	77	130671	11.41	ng		94
25) Isophorone	9.88	82	234339	10.81	ng	#	95
26) 2-Nitrophenol	10.09	139	48241	10.73	ng	#	78
27) 2,4-Dimethylphenol	10.14	122	86833	11.17	ng		95
28) bis(2-Chloroethoxy)methane	10.37	93	133133	11.01	ng		98
29) 2,4-Dichlorophenol	10.62	162	101789	12.28	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	102064	10.75	ng		92
31) Naphthalene	11.03	128	257694	10.97	ng		97
32) Benzoic acid	10.22	122	60199	8.52	ng		93
33) 4-Chloroaniline	11.15	127	65876	5.73	ng	#	86
34) Hexachlorobutadiene	11.31	225	70724	9.19	ng		88
35) Caprolactam	11.91	113	35737	10.48	ng	#	87
36) 4-Chloro-3-methylphenol	12.25	107	131188	11.57	ng		93
37) 2-Methylnaphthalene	12.63	142	218203m	11.75	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	144601	9.39	ng		97
40) Hexachlorocyclopentadiene	12.97	237	133634	15.08	ng		95
42) 2,4,6-Trichlorophenol	13.24	196	94921	10.73	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	102613	11.29	ng		96
45) 1,1'-Biphenyl	13.63	154	305926	11.42	ng		98
46) 2-Chloronaphthalene	13.68	162	254757	11.72	ng		97
47) 2-Nitroaniline	13.88	65	100709	10.86	ng		96
48) Acenaphthylene	14.52	152	375982	11.53	ng		97
49) Dimethylphthalate	14.24	163	392260	13.44	ng		99
50) 2,6-Dinitrotoluene	14.37	165	69443	10.59	ng		92
51) Acenaphthene	14.86	154	246212	11.55	ng		96
52) 3-Nitroaniline	14.70	138	43747	6.69	ng	#	76
53) 2,4-Dinitrophenol	14.91	184	69189	15.38	ng		92
54) Dibenzofuran	15.20	168	409182	12.83	ng		92
55) 4-Nitrophenol	15.02	139	111907	20.42	ng		93
56) 2,4-Dinitrotoluene	15.16	165	101264	10.59	ng		88
57) Fluorene	15.85	166	322579	11.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	100644m	11.07	ng		
59) Diethylphthalate	15.61	149	340886	11.48	ng		99
60) 4-Chlorophenyl-phenylether	15.84	204	183001	10.94	ng		98
61) 4-Nitroaniline	15.87	138	67140	9.49	ng	#	82
62) Azobenzene	16.13	77	386079	13.60	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	56820	9.57	ng		94
65) n-Nitrosodiphenylamine	16.05	169	288804	12.54	ng		98
66) 4-Bromophenyl-phenylether	16.74	248	118263	11.37	ng		96
67) Hexachlorobenzene	16.86	284	126445	11.18	ng		95
68) Atrazine	17.00	200	114205	11.18	ng		95
69) Pentachlorophenol	17.21	266	156868	21.42	ng		92
70) Phenanthrene	17.60	178	517941	13.22	ng		99
71) Anthracene	17.69	178	521062	13.14	ng		98
72) Carbazole	17.97	167	443767	12.95	ng		98
73) Di-n-butylphthalate	18.51	149	559972	14.69	ng		97
74) Fluoranthene	19.61	202	616470	12.83	ng		93
77) Pyrene	19.97	202	627492	12.46	ng		92
79) Butylbenzylphthalate	20.85	149	264215	13.24	ng		96
80) Benzo(a)anthracene	21.84	228	646170	12.88	ng		92
81) 3,3'-Dichlorobenzidine	21.76	252	46085	2.09	ng	#	95
82) Chrysene	21.92	228	617049	13.12	ng		98
83) Bis(2-ethylhexyl)phthalate	21.73	149	373091	13.47	ng	#	98
84) Di-n-octyl phthalate	23.00	149	631404	13.66	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	678149	11.30	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	642306	12.14	ng		100
88) Benzo(k)fluoranthene	24.24	252	642391	12.79	ng	#	94
89) Benzo(a)pyrene	25.09	252	629873	12.42	ng	#	96
90) Dibenzo(a,h)anthracene	29.18	278	580368	11.53	ng	#	97
91) Benzo(g,h,i)perylene	30.32	276	532897	10.57	ng	#	94

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

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