Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016945.D
Acq On : 8 May 2015 5:56
Operator : TP/IZ
Sample : G2116-14MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-51DMS

Manual Integrations APPROVED
apatel
5/8/2015 5:08:55 PM

Quant Time: May 08 07:37:39 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 07:19:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	68028	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	295334	20.00	ng		0.00
38) Acenaphthene-d10	14.44	164	186323	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	397556	20.00	ng		0.00
75) Chrysene-d12	21.36	240	382587	20.00	ng		0.00
86) Perylene-d12	23.66	264	371076	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	582863	149.19	ng		0.00
7) Phenol-d6	6.97	99	806573	144.50	ng		0.00
23) Nitrobenzene-d5	8.96	82	533512	88.25	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	272834	145.86	ng		0.00
44) 2-Fluorobiphenyl	13.06	172	964122	78.08	ng		0.00
78) Terphenyl-d14	19.81	244	1331981	81.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	55957	34.18	ng	#	1
3) Pyridine	3.68	79	175295	34.63	ng		98
4) n-Nitrosodimethylamine	3.61	42	131415	43.49	ng		99
6) Aniline	7.13	93	186230	23.76	ng		98
8) 2-Chlorophenol	7.37	128	217799	48.12	ng		95
9) Benzaldehyde	6.94	77	169585	44.94	ng		94
10) Phenol	7.00	94	313165	52.32	ng		100
11) bis(2-Chloroethyl)ether	7.23	93	207133	44.76	ng		97
12) 1,3-Dichlorobenzene	7.68	146	206620	41.40	ng		95
13) 1,4-Dichlorobenzene	7.84	146	213731	42.28	ng		96
14) 1,2-Dichlorobenzene	8.15	146	205036	42.26	ng		95
15) Benzyl Alcohol	8.04	79	225646	44.26	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.34	45	369705	43.15	ng		95
17) 2-Methylphenol	8.24	107	195863	46.47	ng		97
18) Hexachloroethane	8.88	117	115999	55.82	ng		94
19) n-Nitroso-di-n-propylamine	8.61	70	210173	42.94	ng		96
20) 3+4-Methylphenols	8.57	107	267113	45.99	ng		94
22) Acetophenone	8.62	105	337402	47.96	ng	#	99
24) Nitrobenzene	9.00	77	286851	46.99	ng	#	95
25) Isophorone	9.52	82	523118	42.85	ng	#	94
26) 2-Nitrophenol	9.71	139	124744	50.18	ng	#	93
27) 2,4-Dimethylphenol	9.77	122	203153	45.16	ng		98
28) bis(2-Chloroethoxy)methane	10.01	93	273161	44.33	ng		95
29) 2,4-Dichlorophenol	10.24	162	205548	48.36	ng		99
30) 1,2,4-Trichlorobenzene	10.45	180	202944	45.03	ng		98
31) Naphthalene	10.64	128	653750	44.51	ng		98
32) Benzoic acid	9.86	122	58290	25.54	ng		96
33) 4-Chloroaniline	10.75	127	107970	15.92	ng		97
34) Hexachlorobutadiene	10.93	225	119257	42.28	ng		94
35) Caprolactam	11.52	113	116017m	52.55	ng		
36) 4-Chloro-3-methylphenol	11.88	107	259868	47.75	ng		99
37) 2-Methylnaphthalene	12.26	142	480925	42.98	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	216583	43.00	ng	#	100
40) Hexachlorocyclopentadiene	12.60	237	237399	72.98	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	163707	45.86	ng		97
43) 2,4,5-Trichlorophenol	12.94	196	180093	47.53	ng		97
45) 1,1'-Biphenyl	13.27	154	598646	44.88	ng		98
46) 2-Chloronaphthalene	13.31	162	469246	44.41	ng		98
47) 2-Nitroaniline	13.51	65	193517	52.62	ng		95
48) Acenaphthylene	14.16	152	784337	42.63	ng		100
49) Dimethylphthalate	13.90	163	666882	47.93	ng		99
50) 2,6-Dinitrotoluene	14.01	165	141910	49.13	ng	#	85
51) Acenaphthene	14.50	154	474652	43.34	ng		94
52) 3-Nitroaniline	14.34	138	108400	32.98	ng		94
53) 2,4-Dinitrophenol	14.55	184	64731	48.99	ng	#	86
54) Dibenzofuran	14.83	168	702026	45.15	ng		96
55) 4-Nitrophenol	14.65	139	265282	95.20	ng		97
56) 2,4-Dinitrotoluene	14.80	165	194802	52.71	ng		98
57) Fluorene	15.49	166	617093	44.82	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.06	232	150252	45.96	ng	#	76
59) Diethylphthalate	15.26	149	630980	42.96	ng		98
60) 4-Chlorophenyl-phenylether	15.48	204	299701	43.33	ng		98
61) 4-Nitroaniline	15.51	138	165616	43.47	ng		95
62) Azobenzene	15.78	77	734509	48.29	ng		96
64) 4,6-Dinitro-2-methylphenol	15.56	198	82584	41.90	ng		90
65) n-Nitrosodiphenylamine	15.70	169	539407	44.45	ng		99
66) 4-Bromophenyl-phenylether	16.37	248	183893	46.08	ng		92
67) Hexachlorobenzene	16.49	284	186963	44.43	ng		98
68) Atrazine	16.64	200	198916	45.55	ng		95
69) Pentachlorophenol	16.83	266	234999	86.02	ng		95
70) Phenanthrene	17.22	178	936596	45.78	ng		99
71) Anthracene	17.31	178	897643	43.49	ng		99
72) Carbazole	17.58	167	864087	44.04	ng		98
73) Di-n-butylphthalate	18.15	149	1093621	42.99	ng		98
74) Fluoranthene	19.24	202	1087353	45.81	ng		100
76) Benzidine	19.42	184	197285	15.18	ng		96
77) Pyrene	19.60	202	1094350	48.46	ng		99
79) Butylbenzylphthalate	20.50	149	488082	45.48	ng		96
80) Benzo(a)anthracene	21.34	228	965404	47.04	ng		99
81) 3,3'-Dichlorobenzidine	21.28	252	203700	25.42	ng		99
82) Chrysene	21.40	228	920841	47.90	ng		99
83) Bis(2-ethylhexyl)phthalate	21.27	149	701903	47.81	ng		98
84) Di-n-octyl phthalate	22.17	149	1120367	45.43	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.03	276	1064253	46.46	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	1004747	48.60	ng		98
88) Benzo(k)fluoranthene	23.01	252	891658	44.84	ng		99
89) Benzo(a)pyrene	23.57	252	922869	47.87	ng		99
90) Dibenzo(a,h)anthracene	26.05	278	873103	44.34	ng		97
91) Benzo(g,h,i)perylene	26.76	276	870229	46.41	ng		98

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

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