Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016946.D
Acq On : 8 May 2015 6:30
Operator : TP/IZ
Sample : G2116-14MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-51DMSD

Manual Integrations APPROVED
apatel
5/8/2015 5:08:59 PM

Quant Time: May 08 07:38:46 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	60110	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	267964	20.00	ng		0.00
38) Acenaphthene-d10	14.43	164	169506	20.00	ng		0.00
63) Phenanthrene-d10	17.18	188	372017	20.00	ng		0.00
75) Chrysene-d12	21.36	240	355081	20.00	ng		0.00
86) Perylene-d12	23.66	264	353703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	382504	110.80	ng		0.00
7) Phenol-d6	6.97	99	534079	108.29	ng		0.00
23) Nitrobenzene-d5	8.95	82	348853	63.60	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	177930	104.56	ng		0.00
44) 2-Fluorobiphenyl	13.06	172	618605	55.07	ng		0.00
78) Terphenyl-d14	19.80	244	885112	58.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	40018	27.66	ng	#	1
3) Pyridine	3.69	79	117575	26.29	ng		96
4) n-Nitrosodimethylamine	3.61	42	85706	32.10	ng		92
6) Aniline	7.12	93	121975	17.61	ng		98
8) 2-Chlorophenol	7.37	128	135570	33.90	ng		95
9) Benzaldehyde	6.94	77	108776	29.68	ng		96
10) Phenol	7.00	94	197359	37.32	ng		99
11) bis(2-Chloroethyl)ether	7.22	93	130666	31.95	ng		98
12) 1,3-Dichlorobenzene	7.69	146	129747	29.42	ng		95
13) 1,4-Dichlorobenzene	7.84	146	132221	29.60	ng		98
14) 1,2-Dichlorobenzene	8.15	146	125641	29.31	ng		96
15) Benzyl Alcohol	8.04	79	141830	31.49	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.34	45	234085	30.92	ng		96
17) 2-Methylphenol	8.24	107	123196	33.08	ng		99
18) Hexachloroethane	8.88	117	74790	40.73	ng		100
19) n-Nitroso-di-n-propylamine	8.60	70	130111	30.09	ng		94
20) 3+4-Methylphenols	8.56	107	167662	32.67	ng		95
22) Acetophenone	8.62	105	213709	33.48	ng		97
24) Nitrobenzene	9.00	77	178360	32.20	ng	#	97
25) Isophorone	9.52	82	337454	30.47	ng	#	93
26) 2-Nitrophenol	9.70	139	74465	33.02	ng	#	89
27) 2,4-Dimethylphenol	9.76	122	105681	25.89	ng		93
28) bis(2-Chloroethoxy)methane	10.00	93	176228	31.52	ng		98
29) 2,4-Dichlorophenol	10.23	162	128304	33.27	ng		98
30) 1,2,4-Trichlorobenzene	10.46	180	126055	30.83	ng		92
31) Naphthalene	10.64	128	414747	31.12	ng		99
32) Benzoic acid	9.83	122	26085	13.88	ng		91
33) 4-Chloroaniline	10.75	127	94415	15.34	ng		98
34) Hexachlorobutadiene	10.93	225	72940	28.50	ng		89
35) Caprolactam	11.51	113	75587m	37.73	ng		
36) 4-Chloro-3-methylphenol	11.87	107	164525	33.32	ng		98
37) 2-Methylnaphthalene	12.25	142	301629	29.71	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	138063	30.13	ng	#	100
40) Hexachlorocyclopentadiene	12.60	237	147426	49.82	ng		95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	105077	32.36	ng		95
43) 2,4,5-Trichlorophenol	12.94	196	111844	32.45	ng		98
45) 1,1'-Biphenyl	13.27	154	378427	31.18	ng		99
46) 2-Chloronaphthalene	13.31	162	298242	31.03	ng		96
47) 2-Nitroaniline	13.51	65	122295	36.55	ng		94
48) Acenaphthylene	14.16	152	497722	29.73	ng		99
49) Dimethylphthalate	13.89	163	421738	33.32	ng		99
50) 2,6-Dinitrotoluene	14.01	165	88187	33.56	ng		91
51) Acenaphthene	14.50	154	308687	30.98	ng		99
52) 3-Nitroaniline	14.34	138	80828	27.03	ng		93
53) 2,4-Dinitrophenol	14.55	184	37764	31.42	ng	#	84
54) Dibenzofuran	14.83	168	448830	31.73	ng		97
55) 4-Nitrophenol	14.65	139	174498	68.83	ng		96
56) 2,4-Dinitrotoluene	14.80	165	124541	37.04	ng		95
57) Fluorene	15.49	166	393654	31.43	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.06	232	96825	32.56	ng	#	77
59) Diethylphthalate	15.26	149	414071	30.99	ng		98
60) 4-Chlorophenyl-phenylether	15.48	204	192238	30.55	ng		95
61) 4-Nitroaniline	15.50	138	107590	31.04	ng		95
62) Azobenzene	15.77	77	469727	33.95	ng		97
64) 4,6-Dinitro-2-methylphenol	15.56	198	51577	27.96	ng		93
65) n-Nitrosodiphenylamine	15.70	169	339806	29.92	ng		99
66) 4-Bromophenyl-phenylether	16.37	248	112607	30.16	ng		93
67) Hexachlorobenzene	16.48	284	119653	30.39	ng		97
68) Atrazine	16.64	200	130089	31.83	ng		96
69) Pentachlorophenol	16.83	266	143887	56.28	ng		96
70) Phenanthrene	17.22	178	673838	35.20	ng		100
71) Anthracene	17.31	178	597545	30.94	ng		99
72) Carbazole	17.58	167	569616	31.02	ng		99
73) Di-n-butylphthalate	18.15	149	722163	30.34	ng		99
74) Fluoranthene	19.24	202	803857	36.19	ng		100
76) Benzidine	19.42	184	123289	10.22	ng		98
77) Pyrene	19.60	202	800195	38.18	ng		99
79) Butylbenzylphthalate	20.50	149	325423	32.67	ng		97
80) Benzo(a)anthracene	21.34	228	678827	35.64	ng		98
81) 3,3'-Dichlorobenzidine	21.28	252	155308	20.88	ng		99
82) Chrysene	21.40	228	634118	35.54	ng		98
83) Bis(2-ethylhexyl)phthalate	21.27	149	491569	36.08	ng		100
84) Di-n-octyl phthalate	22.17	149	791057	34.56	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.03	276	698782	32.87	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	686653	34.85	ng		99
88) Benzo(k)fluoranthene	23.01	252	594511	31.36	ng		97
89) Benzo(a)pyrene	23.56	252	633477	34.48	ng		99
90) Dibenzo(a,h)anthracene	26.04	278	574567	30.61	ng		97
91) Benzo(g,h,i)perylene	26.75	276	578728	32.38	ng		98

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

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