Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016963.D
Acq On : 8 May 2015 18:54
Operator : TP/IZ
Sample : G2058-09MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MPE-9MSD

Manual Integrations APPROVED
apatel
5/12/2015 8:29:37 AM

Quant Time: May 09 00:56:29 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 23:46:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	59974	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	295535	20.00	ng		0.00
38) Acenaphthene-d10	14.43	164	200756	20.00	ng		0.00
63) Phenanthrene-d10	17.17	188	442095	20.00	ng		0.00
75) Chrysene-d12	21.35	240	434851	20.00	ng		0.00
86) Perylene-d12	23.65	264	415576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	242036	70.27	ng		0.00
7) Phenol-d6	6.96	99	205436	41.75	ng		0.00
23) Nitrobenzene-d5	8.95	82	544290	89.97	ng		0.00
41) 2,4,6-Tribromophenol	15.92	330	329286	163.39	ng		0.00
44) 2-Fluorobiphenyl	13.05	172	1156276	86.91	ng		0.00
78) Terphenyl-d14	19.81	244	1667164	89.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	21985	15.23	ng	#	1
3) Pyridine	3.68	79	55966	12.54	ng		99
4) n-Nitrosodimethylamine	3.60	42	44361	16.65	ng	#	97
6) Aniline	7.12	93	101938	14.75	ng		96
8) 2-Chlorophenol	7.36	128	168687	42.27	ng		96
9) Benzaldehyde	6.93	77	16467	4.00	ng		96
10) Phenol	6.99	94	78137	14.81	ng		96
11) bis(2-Chloroethyl)ether	7.22	93	201372	49.35	ng		98
12) 1,3-Dichlorobenzene	7.68	146	178000	40.45	ng		98
13) 1,4-Dichlorobenzene	7.83	146	186317	41.81	ng		96
14) 1,2-Dichlorobenzene	8.14	146	184510	43.14	ng		95
15) Benzyl Alcohol	8.03	79	135116	30.06	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.33	45	357410	47.32	ng		100
17) 2-Methylphenol	8.24	107	124813	33.59	ng		92
18) Hexachloroethane	8.87	117	73368	40.05	ng		98
19) n-Nitroso-di-n-propylamine	8.60	70	201985	46.81	ng		95
20) 3+4-Methylphenols	8.56	107	153487	29.97	ng		95
22) Acetophenone	8.61	105	331874	47.15	ng		98
24) Nitrobenzene	8.99	77	279901	45.82	ng		98
25) Isophorone	9.52	82	538751	44.11	ng		99
26) 2-Nitrophenol	9.70	139	121522	48.86	ng		98
27) 2,4-Dimethylphenol	9.76	122	189586	42.11	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	288887	46.85	ng		98
29) 2,4-Dichlorophenol	10.23	162	201882	47.47	ng		97
30) 1,2,4-Trichlorobenzene	10.45	180	195864	43.43	ng		97
31) Naphthalene	10.63	128	631904	42.99	ng		99
32) Benzoic acid	9.85	122	42667	19.63	ng	#	87
33) 4-Chloroaniline	10.75	127	75904	11.18	ng		99
34) Hexachlorobutadiene	10.92	225	108484	38.43	ng		99
35) Caprolactam	11.57	113	14387m	6.51	ng		
36) 4-Chloro-3-methylphenol	11.87	107	243652	44.74	ng		98
37) 2-Methylnaphthalene	12.25	142	514041	45.91	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	233473	43.02	ng	#	100
40) Hexachlorocyclopentadiene	12.60	237	288725	82.38	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	181473	47.19	ng		98
43) 2,4,5-Trichlorophenol	12.93	196	195827	47.97	ng		96
45) 1,1'-Biphenyl	13.27	154	670282	46.63	ng		99
46) 2-Chloronaphthalene	13.31	162	519691	45.65	ng		98
47) 2-Nitroaniline	13.51	65	222871	56.24	ng		96
48) Acenaphthylene	14.15	152	889218	44.85	ng		100
49) Dimethylphthalate	13.89	163	727081	48.50	ng		99
50) 2,6-Dinitrotoluene	14.01	165	167992	53.98	ng		95
51) Acenaphthene	14.49	154	538193	45.61	ng		99
52) 3-Nitroaniline	14.34	138	63776	18.01	ng		95
53) 2,4-Dinitrophenol	14.55	184	189698	133.25	ng		87
54) Dibenzofuran	14.83	168	817078	48.77	ng		98
55) 4-Nitrophenol	14.65	139	101062	33.66	ng		95
56) 2,4-Dinitrotoluene	14.80	165	235028	59.03	ng		98
57) Fluorene	15.48	166	700909	47.25	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.06	232	178029	50.54	ng	#	77
59) Diethylphthalate	15.26	149	766617	48.44	ng		99
60) 4-Chlorophenyl-phenylether	15.48	204	352490	47.30	ng		97
61) 4-Nitroaniline	15.50	138	175010	42.63	ng		95
62) Azobenzene	15.77	77	821664	50.14	ng		96
64) 4,6-Dinitro-2-methylphenol	15.56	198	133274	60.80	ng		88
65) n-Nitrosodiphenylamine	15.69	169	613834	45.49	ng		95
66) 4-Bromophenyl-phenylether	16.37	248	214248	48.28	ng		94
67) Hexachlorobenzene	16.48	284	225196	48.12	ng		97
68) Atrazine	16.64	200	243314	50.10	ng		95
69) Pentachlorophenol	16.83	266	309040	101.72	ng		97
70) Phenanthrene	17.22	178	1058492	46.53	ng		99
71) Anthracene	17.31	178	1080109	47.06	ng		99
72) Carbazole	17.58	167	1045913	47.93	ng		100
73) Di-n-butylphthalate	18.14	149	1300898	45.99	ng		98
74) Fluoranthene	19.24	202	1194815	45.27	ng		98
76) Benzidine	19.42	184	222557	15.06	ng		98
77) Pyrene	19.60	202	1240308	48.33	ng		98
79) Butylbenzylphthalate	20.50	149	586660	48.09	ng		98
80) Benzo(a)anthracene	21.34	228	1118282	47.94	ng		99
81) 3,3'-Dichlorobenzidine	21.27	252	231164	25.38	ng		99
82) Chrysene	21.39	228	1059985	48.51	ng		99
83) Bis(2-ethylhexyl)phthalate	21.27	149	808899	48.48	ng		96
84) Di-n-octyl phthalate	22.16	149	1344034	47.95	ng	#	100
85) Indeno(1,2,3-cd)pyrene	26.02	276	1274158	48.93	ng	#	100
87) Benzo(b)fluoranthene	22.95	252	1145018	49.46	ng		98
88) Benzo(k)fluoranthene	23.00	252	1072605	48.16	ng		98
89) Benzo(a)pyrene	23.55	252	1075864	49.84	ng		99
90) Dibenzo(a,h)anthracene	26.03	278	1082342	49.08	ng		98
91) Benzo(g,h,i)perylene	26.74	276	1041239	49.59	ng		98

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

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