Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
Data File : BG016237.D
Acq On : 6 Apr 2015 23:08
Operator : TP/IZ
Sample : G1757-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LS-SW01MSD

Manual Integrations APPROVED
apatel
4/7/2015 5:08:26 PM

Quant Time: Apr 07 06:00:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:17:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	65104	20.00	ng		0.00
21) Naphthalene-d8	10.49	136	324130	20.00	ng		0.00
38) Acenaphthene-d10	14.34	164	200033	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	419991	20.00	ng		0.00
75) Chrysene-d12	21.26	240	363827	20.00	ng		0.00
86) Perylene-d12	23.50	264	336619	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	225173	54.58	ng		0.00
7) Phenol-d6	6.87	99	239223	38.63	ng		0.00
23) Nitrobenzene-d5	8.86	82	440315	78.69	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	185845	137.38	ng		0.00
44) 2-Fluorobiphenyl	12.96	172	984486	83.80	ng		0.00
78) Terphenyl-d14	19.70	244	1232921	79.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	19031	10.15	ng	#	96
3) Pyridine	3.57	79	29395	5.24	ng		96
4) n-Nitrosodimethylamine	3.49	42	19665	11.80	ng		99
6) Aniline	7.03	93	93604	10.58	ng		97
8) 2-Chlorophenol	7.27	128	158326	31.96	ng		98
9) Benzaldehyde	6.84	77	108580	29.93	ng		99
10) Phenol	6.90	94	84555	12.76	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	190544	36.07	ng		99
12) 1,3-Dichlorobenzene	7.59	146	168715	33.73	ng		98
13) 1,4-Dichlorobenzene	7.74	146	173272	33.39	ng		97
14) 1,2-Dichlorobenzene	8.05	146	172625	34.78	ng		98
15) Benzyl Alcohol	7.94	79	89355	20.70	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	226334	38.04	ng		99
17) 2-Methylphenol	8.14	107	135346	30.46	ng		97
18) Hexachloroethane	8.77	117	65542	33.01	ng		98
19) n-Nitroso-di-n-propylamine	8.50	70	167523	37.76	ng		98
20) 3+4-Methylphenols	8.47	107	163397	26.55	ng		99
22) Acetophenone	8.52	105	291438	38.78	ng	#	99
24) Nitrobenzene	8.90	77	228587	38.20	ng		96
25) Isophorone	9.42	82	475649	38.28	ng		99
26) 2-Nitrophenol	9.61	139	110009	39.43	ng		97
27) 2,4-Dimethylphenol	9.67	122	198862	38.26	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	279461	39.40	ng		100
29) 2,4-Dichlorophenol	10.14	162	166322	40.45	ng		96
30) 1,2,4-Trichlorobenzene	10.35	180	162744	37.91	ng		98
31) Naphthalene	10.54	128	637802	37.76	ng		100
32) Benzoic acid	9.76	122	37019	17.67	ng		99
33) 4-Chloroaniline	10.64	127	142836	18.02	ng		97
34) Hexachlorobutadiene	10.82	225	69874	37.05	ng		100
35) Caprolactam	11.41	113	11687m	4.51	ng		
36) 4-Chloro-3-methylphenol	11.77	107	211985	39.02	ng		99
37) 2-Methylnaphthalene	12.15	142	495926	40.82	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	170201	38.65	ng		99
40) Hexachlorocyclopentadiene	12.51	237	150372	74.59	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	131445	40.16	ng	99
43) 2,4,5-Trichlorophenol	12.84	196	146720	41.96	ng	98
45) 1,1'-Biphenyl	13.17	154	620858	40.46	ng	99
46) 2-Chloronaphthalene	13.21	162	465584	39.83	ng	99
47) 2-Nitroaniline	13.42	65	157110	41.70	ng	97
48) Acenaphthylene	14.06	152	812646	39.10	ng	99
49) Dimethylphthalate	13.81	163	618714	42.20	ng	100
50) 2,6-Dinitrotoluene	13.92	165	155204	43.77	ng	96
51) Acenaphthene	14.41	154	506747	40.80	ng	98
52) 3-Nitroaniline	14.25	138	109035	24.08	ng	99
53) 2,4-Dinitrophenol	14.46	184	172158	83.50	ng	99
54) Dibenzofuran	14.74	168	733726	42.57	ng	99
55) 4-Nitrophenol	14.56	139	119870	32.03	ng	99
56) 2,4-Dinitrotoluene	14.71	165	221328	45.83	ng	93
57) Fluorene	15.39	166	642484	42.25	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.96	232	118799	44.02	ng	96
59) Diethylphthalate	15.17	149	669983	42.93	ng	99
60) 4-Chlorophenyl-phenylether	15.39	204	266367	42.82	ng	97
61) 4-Nitroaniline	15.42	138	157414	30.63	ng	95
62) Azobenzene	15.67	77	700073	42.15	ng	99
64) 4,6-Dinitro-2-methylphenol	15.47	198	117774	40.50	ng	94
65) n-Nitrosodiphenylamine	15.60	169	580808	40.91	ng	100
66) 4-Bromophenyl-phenylether	16.27	248	145517	43.39	ng	97
67) Hexachlorobenzene	16.39	284	148871	42.71	ng	97
68) Atrazine	16.55	200	180548	45.63	ng	99
69) Pentachlorophenol	16.73	266	182128	85.58	ng	98
70) Phenanthrene	17.13	178	977104	41.36	ng	99
71) Anthracene	17.21	178	975620	41.67	ng	100
72) Carbazole	17.48	167	1025854	43.66	ng	100
73) Di-n-butylphthalate	18.05	149	1233306	42.90	ng	99
74) Fluoranthene	19.14	202	1023913	42.05	ng	98
76) Benzidine	19.32	184	132633	8.60	ng	97
77) Pyrene	19.50	202	1064355	42.01	ng	99
79) Butylbenzylphthalate	20.40	149	560709	45.05	ng	97
80) Benzo(a)anthracene	21.24	228	895242	41.63	ng	100
81) 3,3'-Dichlorobenzidine	21.18	252	187324	26.49	ng	99
82) Chrysene	21.30	228	858194	41.34	ng	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	755116	44.81	ng	99
84) Di-n-octyl phthalate	22.05	149	1253165	45.65	ng	99
85) Indeno(1,2,3-cd)pyrene	25.80	276	919368	42.63	ng	99
87) Benzo(b)fluoranthene	22.82	252	844424	42.83	ng	99
88) Benzo(k)fluoranthene	22.87	252	833674	43.21	ng	99
89) Benzo(a)pyrene	23.41	252	798904	43.24	ng	98
90) Dibenzo(a,h)anthracene	25.81	278	774877	43.10	ng	98
91) Benzo(g,h,i)perylene	26.50	276	786975	43.82	ng	98

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

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