Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019106.D
Acq On : 10 Oct 2015 7:57
Operator : UM/NP
Sample : PB85936BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85936BS

Manual Integrations APPROVED
MMdadoda
10/12/2015 7:00:51 PM

Quant Time: Oct 12 05:23:01 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 10 07:04:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19552	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	82638	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	59534	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	156190	20.00	ng		0.00
75) Chrysene-d12	21.68	240	190298	20.00	ng		0.00
86) Perylene-d12	24.90	264	183088	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	130910	136.32	ng		0.00
7) Phenol-d6	7.20	99	197542	133.91	ng		0.00
23) Nitrobenzene-d5	9.19	82	130832	87.48	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	108952	134.30	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	314659	81.27	ng		0.00
78) Terphenyl-d14	20.02	244	630478	87.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	12162	30.12	ng		91
3) Pyridine	3.90	79	40958	33.17	ng		91
4) n-Nitrosodimethylamine	3.82	42	26122	37.31	ng	#	96
6) Aniline	7.36	93	56402	28.24	ng		98
8) 2-Chlorophenol	7.60	128	52152	43.28	ng		92
9) Benzaldehyde	7.17	77	11386	12.25	ng		95
10) Phenol	7.22	94	69198	45.05	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	47014	40.50	ng		96
12) 1,3-Dichlorobenzene	7.92	146	50791	38.61	ng		96
13) 1,4-Dichlorobenzene	8.07	146	53148	39.48	ng		95
14) 1,2-Dichlorobenzene	8.39	146	51606	39.62	ng		95
15) Benzyl Alcohol	8.27	79	53816	40.83	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	101602	40.87	ng		98
17) 2-Methylphenol	8.48	107	49287	44.93	ng		98
18) Hexachloroethane	9.12	117	19912	38.81	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	41881	35.78	ng		97
20) 3+4-Methylphenols	8.80	107	67859	42.94	ng		98
22) Acetophenone	8.85	105	80410	41.61	ng		97
24) Nitrobenzene	9.23	77	65899	41.53	ng		95
25) Isophorone	9.76	82	121759	40.02	ng		97
26) 2-Nitrophenol	9.95	139	29256	43.24	ng		94
27) 2,4-Dimethylphenol	10.01	122	54348	45.97	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	68245	42.04	ng		97
29) 2,4-Dichlorophenol	10.48	162	56996	45.98	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	54999	41.34	ng		99
31) Naphthalene	10.89	128	164059	41.25	ng		97
32) Benzoic acid	10.14	122	25520	36.91	ng		89
33) 4-Chloroaniline	10.99	127	41325	22.36	ng		96
34) Hexachlorobutadiene	11.18	225	37832	41.47	ng		98
35) Caprolactam	11.76	113	21458m	47.00	ng		
36) 4-Chloro-3-methylphenol	12.12	107	71392	45.32	ng		97
37) 2-Methylnaphthalene	12.49	142	128480	41.58	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	67712	39.57	ng		98
40) Hexachlorocyclopentadiene	12.84	237	84227	94.63	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	49851	41.85	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	56174	44.38	ng		99
45) 1,1'-Biphenyl	13.50	154	171506	39.67	ng		98
46) 2-Chloronaphthalene	13.54	162	133846	40.24	ng		97
47) 2-Nitroaniline	13.74	65	55425	41.49	ng		96
48) Acenaphthylene	14.39	152	233423	39.79	ng		99
49) Dimethylphthalate	14.12	163	193711	41.20	ng		99
50) 2,6-Dinitrotoluene	14.23	165	42542	42.35	ng		97
51) Acenaphthene	14.73	154	138973	39.39	ng		98
52) 3-Nitroaniline	14.56	138	31325	28.26	ng		97
53) 2,4-Dinitrophenol	14.77	184	51147	84.42	ng		91
54) Dibenzofuran	15.06	168	222592	42.70	ng		96
55) 4-Nitrophenol	14.87	139	77556	92.46	ng		99
56) 2,4-Dinitrotoluene	15.02	165	65005	44.51	ng		91
57) Fluorene	15.71	166	190842	42.20	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.20	232	52955	44.19	ng		92
59) Diethylphthalate	15.48	149	205649	42.11	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	94590	41.05	ng		97
61) 4-Nitroaniline	15.73	138	50142	41.63	ng		95
62) Azobenzene	16.00	77	197759	43.66	ng		97
64) 4,6-Dinitro-2-methylphenol	15.78	198	37156	43.57	ng		97
65) n-Nitrosodiphenylamine	15.91	169	172463	39.95	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	65146	41.04	ng		96
67) Hexachlorobenzene	16.71	284	79234	42.51	ng		98
68) Atrazine	16.87	200	79410	44.67	ng		99
69) Pentachlorophenol	17.06	266	91691	94.36	ng		96
70) Phenanthrene	17.45	178	336712	41.89	ng		99
71) Anthracene	17.54	178	344537	42.85	ng		99
72) Carbazole	17.81	167	325621	43.26	ng		99
73) Di-n-butylphthalate	18.37	149	394215	42.76	ng		99
74) Fluoranthene	19.46	202	446960	43.22	ng		99
76) Benzidine	19.63	184	141727	29.03	ng		98
77) Pyrene	19.82	202	459828	43.15	ng		99
79) Butylbenzylphthalate	20.71	149	184868	42.57	ng		96
80) Benzo(a)anthracene	21.66	228	435974	42.74	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	102712	27.22	ng		97
82) Chrysene	21.73	228	396453	40.95	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	256498	42.53	ng		97
84) Di-n-octyl phthalate	22.79	149	441688	42.40	ng		99
85) Indeno(1,2,3-cd)pyrene	28.59	276	489925	41.58	ng	#	95
87) Benzo(b)fluoranthene	23.89	252	431716	43.85	ng		99
88) Benzo(k)fluoranthene	23.95	252	417653	42.98	ng		98
89) Benzo(a)pyrene	24.76	252	415046	44.63	ng		99
90) Dibenzo(a,h)anthracene	28.66	278	425663	42.63	ng		99
91) Benzo(g,h,i)perylene	29.74	276	402849	43.38	ng		96

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

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