Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020938.D
Acq On : 18 Feb 2016 16:34
Operator : SJ/UM
Sample : PB88335BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB88335BS

Manual Integrations APPROVED
UMANGI
2/19/2016 3:24:45 PM

Quant Time: Feb 19 00:03:01 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	15896	20.00	ng		0.00
21) Naphthalene-d8	11.08	136	80452	20.00	ng		-0.01
38) Acenaphthene-d10	14.87	164	53178	20.00	ng		-0.01
63) Phenanthrene-d10	17.61	188	127231	20.00	ng		-0.01
75) Chrysene-d12	21.89	240	117812	20.00	ng		-0.02
86) Perylene-d12	25.25	264	110615	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	119842	126.96	ng		0.00
7) Phenol-d6	7.40	99	169323	122.73	ng		0.00
23) Nitrobenzene-d5	9.43	82	89481	73.13	ng		-0.01
41) 2,4,6-Tribromophenol	16.35	330	69310	132.54	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	253625	67.00	ng		-0.01
78) Terphenyl-d14	20.18	244	367446	72.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	10500	30.59	ng		94
3) Pyridine	4.04	79	32315	31.83	ng		98
4) n-Nitrosodimethylamine	3.95	42	9283	34.95	ng		89
6) Aniline	7.57	93	23293	13.54	ng		98
8) 2-Chlorophenol	7.82	128	46398	39.35	ng		98
9) Benzaldehyde	7.39	77	9999	14.47	ng		90
10) Phenol	7.43	94	58487	40.06	ng		98
11) bis(2-Chloroethyl)ether	7.67	93	41252	35.37	ng		95
12) 1,3-Dichlorobenzene	8.15	146	43531	34.92	ng		97
13) 1,4-Dichlorobenzene	8.29	146	45682	36.14	ng		98
14) 1,2-Dichlorobenzene	8.62	146	44063	35.83	ng		97
15) Benzyl Alcohol	8.49	79	34512	39.68	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	40376	33.19	ng		98
17) 2-Methylphenol	8.69	107	41912	39.85	ng		99
18) Hexachloroethane	9.35	117	15391	35.41	ng		94
19) n-Nitroso-di-n-propylamine	9.06	70	31028	34.85	ng		98
20) 3+4-Methylphenols	9.02	107	58136	39.66	ng		98
22) Acetophenone	9.08	105	65085	33.56	ng	#	99
24) Nitrobenzene	9.48	77	43720	34.28	ng		97
25) Isophorone	9.99	82	91414	35.45	ng		97
26) 2-Nitrophenol	10.19	139	25009	37.26	ng		98
27) 2,4-Dimethylphenol	10.24	122	50648	39.38	ng		97
28) bis(2-Chloroethoxy)methane	10.47	93	60622	38.14	ng		99
29) 2,4-Dichlorophenol	10.72	162	47343	41.07	ng		99
30) 1,2,4-Trichlorobenzene	10.94	180	41538	35.77	ng		98
31) Naphthalene	11.14	128	147879	35.53	ng		99
32) Benzoic acid	10.34	122	30550	29.61	ng		96
33) 4-Chloroaniline	11.24	127	14751	8.24	ng		96
34) Hexachlorobutadiene	11.41	225	20756	35.07	ng		96
35) Caprolactam	12.00	113	20303m	45.96	ng		
36) 4-Chloro-3-methylphenol	12.34	107	55090	41.71	ng		97
37) 2-Methylnaphthalene	12.72	142	114600	39.24	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	47566	30.49	ng		98
40) Hexachlorocyclopentadiene	13.06	237	50680	73.85	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	38733	36.96	ng		98
43) 2,4,5-Trichlorophenol	13.39	196	43343	39.34	ng		97
45) 1,1'-Biphenyl	13.71	154	149757	31.92	ng		100
46) 2-Chloronaphthalene	13.76	162	112274	33.43	ng		99
47) 2-Nitroaniline	13.95	65	31371	39.00	ng		97
48) Acenaphthylene	14.60	152	206293	35.32	ng		99
49) Dimethylphthalate	14.32	163	158744	38.18	ng		100
50) 2,6-Dinitrotoluene	14.44	165	35269	39.58	ng		97
51) Acenaphthene	14.94	154	135414	38.24	ng		98
52) 3-Nitroaniline	14.77	138	15222	14.70	ng		93
53) 2,4-Dinitrophenol	14.97	184	27530	73.61	ng		93
54) Dibenzofuran	15.27	168	192127	41.02	ng		99
55) 4-Nitrophenol	15.07	139	68339	87.39	ng		98
56) 2,4-Dinitrotoluene	15.22	165	50622	43.95	ng		98
57) Fluorene	15.91	166	167294	38.79	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.48	232	38151	45.44	ng		99
59) Diethylphthalate	15.67	149	171997	40.24	ng		99
60) 4-Chlorophenyl-phenylether	15.90	204	71301	37.22	ng		97
61) 4-Nitroaniline	15.93	138	43392	41.75	ng		95
62) Azobenzene	16.19	77	141336	42.05	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	21985	35.61	ng		97
65) n-Nitrosodiphenylamine	16.11	169	142926	34.77	ng		98
66) 4-Bromophenyl-phenylether	16.79	248	45473	33.84	ng		98
67) Hexachlorobenzene	16.91	284	49733	34.78	ng		99
68) Atrazine	17.05	200	46582	37.34	ng		100
69) Pentachlorophenol	17.25	266	55999	68.31	ng		96
70) Phenanthrene	17.65	178	263245	36.34	ng		99
71) Anthracene	17.74	178	263894	35.89	ng		99
72) Carbazole	18.00	167	239063	36.23	ng		99
73) Di-n-butylphthalate	18.55	149	294709	34.83	ng		100
74) Fluoranthene	19.64	202	272781	34.86	ng		99
76) Benzidine	19.81	184	46109	12.10	ng		98
77) Pyrene	20.00	202	283081	36.43	ng		99
79) Butylbenzylphthalate	20.87	149	130081	34.96	ng		99
80) Benzo(a)anthracene	21.86	228	254930	36.25	ng		99
81) 3,3'-Dichlorobenzidine	21.77	252	27357	10.48	ng		98
82) Chrysene	21.93	228	230430	34.84	ng		99
83) Bis(2-ethylhexyl)phthalate	21.75	149	191388	34.70	ng		100
84) Di-n-octyl phthalate	23.01	149	325615	35.96	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	279426	36.73	ng	#	88
87) Benzo(b)fluoranthene	24.18	252	252526	37.30	ng		99
88) Benzo(k)fluoranthene	24.25	252	241055	36.34	ng		100
89) Benzo(a)pyrene	25.10	252	241301	37.41	ng		99
90) Dibenzo(a,h)anthracene	29.18	278	230400	36.73	ng		97
91) Benzo(g,h,i)perylene	30.32	276	227412	36.53	ng		99

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

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