Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020947.D
Acq On : 18 Feb 2016 22:27
Operator : SJ/UM
Sample : H1450-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-41MSD

Manual Integrations APPROVED
UMANGI
2/19/2016 3:25:23 PM

Quant Time: Feb 19 00:34:35 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	19498	20.00	ng		0.00
21) Naphthalene-d8	11.08	136	100174	20.00	ng		-0.02
38) Acenaphthene-d10	14.87	164	62454	20.00	ng		-0.02
63) Phenanthrene-d10	17.61	188	134324	20.00	ng		0.00
75) Chrysene-d12	21.89	240	122049	20.00	ng		-0.02
86) Perylene-d12	25.25	264	115284	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	80257	69.32	ng		0.00
7) Phenol-d6	7.40	99	70633	41.74	ng		0.00
23) Nitrobenzene-d5	9.43	82	157991	103.70	ng		0.00
41) 2,4,6-Tribromophenol	16.35	330	108007	175.86	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	455129	102.37	ng		0.00
78) Terphenyl-d14	20.19	244	537130	102.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	5696	13.53	ng		98
3) Pyridine	4.04	79	12851	10.32	ng		96
4) n-Nitrosodimethylamine	3.95	42	4689	14.39	ng	#	98
6) Aniline	7.58	93	46271	21.93	ng		97
8) 2-Chlorophenol	7.82	128	49106	33.95	ng		99
9) Benzaldehyde	7.39	77	12194	14.39	ng		98
10) Phenol	7.43	94	21515	12.01	ng		96
11) bis(2-Chloroethyl)ether	7.66	93	58561	40.94	ng		97
12) 1,3-Dichlorobenzene	8.15	146	56876	37.19	ng		100
13) 1,4-Dichlorobenzene	8.29	146	58513	37.74	ng		99
14) 1,2-Dichlorobenzene	8.62	146	59346	39.35	ng		98
15) Benzyl Alcohol	8.49	79	28231	26.46	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	56284	37.72	ng		98
17) 2-Methylphenol	8.69	107	36682	28.43	ng		98
18) Hexachloroethane	9.36	117	19671	36.90	ng		97
19) n-Nitroso-di-n-propylamine	9.06	70	46335	42.43	ng	#	98
20) 3+4-Methylphenols	9.02	107	44653	24.84	ng		96
22) Acetophenone	9.09	105	96020	39.77	ng	#	99
24) Nitrobenzene	9.47	77	64483	40.60	ng		99
25) Isophorone	9.99	82	138987	43.28	ng		99
26) 2-Nitrophenol	10.19	139	34653	41.46	ng		96
27) 2,4-Dimethylphenol	10.24	122	58863	36.75	ng		96
28) bis(2-Chloroethoxy)methane	10.47	93	89749	45.35	ng		99
29) 2,4-Dichlorophenol	10.72	162	60522	42.16	ng		100
30) 1,2,4-Trichlorobenzene	10.94	180	58313	40.33	ng		96
31) Naphthalene	11.14	128	215817	41.64	ng		99
32) Benzoic acid	10.31	122	11117	8.65	ng		97
33) 4-Chloroaniline	11.24	127	70326	31.55	ng		99
34) Hexachlorobutadiene	11.41	225	28247	38.33	ng		100
35) Caprolactam	12.01	113	3388m	6.16	ng		
36) 4-Chloro-3-methylphenol	12.33	107	62862	38.22	ng		97
37) 2-Methylnaphthalene	12.72	142	169486	46.61	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	69844	38.12	ng		98
40) Hexachlorocyclopentadiene	13.06	237	61354	76.12	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	51593	41.92	ng	98
43) 2,4,5-Trichlorophenol	13.39	196	56198	43.43	ng	98
45) 1,1'-Biphenyl	13.71	154	220056	39.94	ng	99
46) 2-Chloronaphthalene	13.76	162	164638	41.74	ng	99
47) 2-Nitroaniline	13.96	65	42879	45.39	ng	94
48) Acenaphthylene	14.60	152	292154	42.60	ng	100
49) Dimethylphthalate	14.32	163	236793	48.49	ng	100
50) 2,6-Dinitrotoluene	14.44	165	49313	47.12	ng	97
51) Acenaphthene	14.94	154	194092	46.67	ng	99
52) 3-Nitroaniline	14.77	138	45585	37.49	ng	96
53) 2,4-Dinitrophenol	14.97	184	42938	94.99	ng	91
54) Dibenzofuran	15.27	168	270530	49.18	ng	98
55) 4-Nitrophenol	15.06	139	26911	29.30	ng	98
56) 2,4-Dinitrotoluene	15.22	165	67191	49.67	ng	98
57) Fluorene	15.91	166	231640	45.73	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	48560	49.25	ng	98
59) Diethylphthalate	15.67	149	232549	46.32	ng	99
60) 4-Chlorophenyl-phenylether	15.90	204	100272	44.57	ng	97
61) 4-Nitroaniline	15.93	138	52550	43.05	ng	97
62) Azobenzene	16.19	77	189840	48.09	ng	97
64) 4,6-Dinitro-2-methylphenol	15.98	198	29320	43.53	ng	98
65) n-Nitrosodiphenylamine	16.11	169	183259	42.23	ng	99
66) 4-Bromophenyl-phenylether	16.79	248	60817	42.87	ng	99
67) Hexachlorobenzene	16.91	284	66226	43.87	ng	99
68) Atrazine	17.05	200	59502	45.18	ng	100
69) Pentachlorophenol	17.25	266	71246	82.32	ng	97
70) Phenanthrene	17.65	178	338223	44.22	ng	99
71) Anthracene	17.74	178	335659	43.25	ng	99
72) Carbazole	18.01	167	308532	44.29	ng	99
73) Di-n-butylphthalate	18.54	149	380788	42.63	ng	100
74) Fluoranthene	19.64	202	352311	42.65	ng	98
76) Benzidine	19.81	184	45256	11.47	ng	99
77) Pyrene	20.00	202	362892	45.08	ng	99
79) Butylbenzylphthalate	20.86	149	170416	44.21	ng	99
80) Benzo(a)anthracene	21.86	228	325936	44.73	ng	100
81) 3,3'-Dichlorobenzidine	21.77	252	68319	25.26	ng	98
82) Chrysene	21.93	228	293230	42.79	ng	99
83) Bis(2-ethylhexyl)phthalate	21.74	149	253404	44.34	ng	100
84) Di-n-octyl phthalate	23.01	149	422711	45.07	ng	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	358697	45.52	ng	99
87) Benzo(b)fluoranthene	24.18	252	322221	45.67	ng	99
88) Benzo(k)fluoranthene	24.25	252	309235	44.73	ng	99
89) Benzo(a)pyrene	25.09	252	302921	45.06	ng	99
90) Dibenzo(a,h)anthracene	29.19	278	292099	44.68	ng	99
91) Benzo(g,h,i)perylene	30.33	276	292662	45.10	ng	97

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

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