Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024710.D
Acq On : 5 Nov 2016 13:21
Operator : UM/SJ
Sample : H5526-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-99-14.5-15.0MSD

Manual Integrations APPROVED
sohil
11/7/2016 4:37:15 PM

Quant Time: Nov 07 00:15:46 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	94062	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	354502	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	270684	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	648424	20.00	ng		0.00
75) Chrysene-d12	21.93	240	889347	20.00	ng		0.00
86) Perylene-d12	25.35	264	948206	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	905051	157.70	ng		0.00
7) Phenol-d6	7.41	99	1293393	164.30	ng		0.00
23) Nitrobenzene-d5	9.44	82	897946	115.33	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	740893	183.21	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1741434	106.93	ng		0.00
78) Terphenyl-d14	20.21	244	3089613	103.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	87416	37.28	ng		96
3) Pyridine	4.07	79	283824	40.43	ng		93
4) n-Nitrosodimethylamine	3.98	42	172447	47.45	ng		84
6) Aniline	7.59	93	377005	37.80	ng	#	92
8) 2-Chlorophenol	7.83	128	307280	52.66	ng		94
9) Benzaldehyde	7.40	77	57201	11.76	ng		85
10) Phenol	7.43	94	471219	58.07	ng		94
11) bis(2-Chloroethyl)ether	7.67	93	315745	51.79	ng		87
12) 1,3-Dichlorobenzene	8.16	146	328160	45.43	ng		97
13) 1,4-Dichlorobenzene	8.30	146	337556	47.31	ng		97
14) 1,2-Dichlorobenzene	8.63	146	324587	47.32	ng		93
15) Benzyl Alcohol	8.50	79	382404	52.22	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	515697	45.59	ng		95
17) 2-Methylphenol	8.70	107	291282	54.17	ng		98
18) Hexachloroethane	9.35	117	128159	46.73	ng		98
19) n-Nitroso-di-n-propylamine	9.07	70	292761	50.46	ng		99
20) 3+4-Methylphenols	9.02	107	387782	53.71	ng		93
22) Acetophenone	9.10	105	499847	54.89	ng	#	92
24) Nitrobenzene	9.48	77	447378	51.65	ng		94
25) Isophorone	10.00	82	791333	54.64	ng		99
26) 2-Nitrophenol	10.19	139	189901	59.07	ng		93
27) 2,4-Dimethylphenol	10.24	122	326673	58.04	ng		98
28) bis(2-Chloroethoxy)methane	10.48	93	438298	58.49	ng		99
29) 2,4-Dichlorophenol	10.73	162	354879	60.07	ng		95
30) 1,2,4-Trichlorobenzene	10.95	180	377159	53.82	ng		94
31) Naphthalene	11.15	128	921015	52.09	ng		99
32) Benzoic acid	10.31	122	41963	8.95	ng		90
33) 4-Chloroaniline	11.25	127	252755	32.92	ng		94
34) Hexachlorobutadiene	11.41	225	279826	51.02	ng		97
35) Caprolactam	12.02	113	123231m	56.98	ng		
36) 4-Chloro-3-methylphenol	12.34	107	406507	57.00	ng		94
37) 2-Methylnaphthalene	12.73	142	681628	52.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	481697	52.76	ng		97
40) Hexachlorocyclopentadiene	13.06	237	596055	115.93	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	319407	58.20	ng		96
43) 2,4,5-Trichlorophenol	13.40	196	346707	58.44	ng		95
45) 1,1'-Biphenyl	13.72	154	967123	51.49	ng		97
46) 2-Chloronaphthalene	13.77	162	774501	54.15	ng		97
47) 2-Nitroaniline	13.97	65	324421	55.40	ng		99
48) Acenaphthylene	14.61	152	1167886	53.24	ng		96
49) Dimethylphthalate	14.32	163	1463430	76.15	ng		98
50) 2,6-Dinitrotoluene	14.46	165	236819	57.73	ng	#	83
51) Acenaphthene	14.95	154	765918	46.84	ng		99
52) 3-Nitroaniline	14.79	138	196001	46.17	ng		96
53) 2,4-Dinitrophenol	14.99	184	158617	53.36	ng		97
54) Dibenzofuran	15.28	168	1248181	55.21	ng		98
55) 4-Nitrophenol	15.08	139	422860	114.33	ng		91
56) 2,4-Dinitrotoluene	15.24	165	362764	60.85	ng	#	99
57) Fluorene	15.92	166	1005239	53.62	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	378825m	61.58	ng		
59) Diethylphthalate	15.68	149	1065814	52.90	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	562610	53.48	ng		96
61) 4-Nitroaniline	15.95	138	263449	56.81	ng		94
62) Azobenzene	16.20	77	1102011	54.84	ng		97
64) 4,6-Dinitro-2-methylphenol	16.00	198	213840	47.87	ng		99
65) n-Nitrosodiphenylamine	16.12	169	956669	53.97	ng		99
66) 4-Bromophenyl-phenylether	16.80	248	426223	54.15	ng		99
67) Hexachlorobenzene	16.92	284	476812	54.82	ng		90
68) Atrazine	17.06	200	435352	57.26	ng		96
69) Pentachlorophenol	17.27	266	626578	109.17	ng		96
70) Phenanthrene	17.67	178	1746901	52.86	ng		98
71) Anthracene	17.76	178	1784481	53.52	ng		99
72) Carbazole	18.03	167	1642219	54.00	ng		97
73) Di-n-butylphthalate	18.55	149	1854021	52.88	ng		97
74) Fluoranthene	19.66	202	2278378	54.53	ng		98
76) Benzidine	19.84	184	1215844	58.02	ng		99
77) Pyrene	20.02	202	2299322	52.89	ng		98
79) Butylbenzylphthalate	20.88	149	999202	55.13	ng		98
80) Benzo(a)anthracene	21.90	228	2612541	53.47	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	671577	34.07	ng		100
82) Chrysene	21.97	228	2438839	52.41	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1409612	54.37	ng		100
84) Di-n-octyl phthalate	23.04	149	2336312	54.30	ng		94
85) Indeno(1,2,3-cd)pyrene	29.31	276	3324052	51.75	ng		99
87) Benzo(b)fluoranthene	24.25	252	2704013	52.76	ng		96
88) Benzo(k)fluoranthene	24.33	252	2617469	52.88	ng		99
89) Benzo(a)pyrene	25.19	252	2664240	53.20	ng		98
90) Dibenzo(a,h)anthracene	29.37	278	2761488	50.24	ng		96
91) Benzo(g,h,i)perylene	30.55	276	2742307	49.94	ng		99

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

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