Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
Data File : BG024164.D
Acq On : 30 Sep 2016 18:05
Operator : UM/SJ
Sample : H4998-12MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6MSD

Manual Integrations APPROVED
sohil
10/3/2016 6:50:11 PM

Quant Time: Oct 01 00:51:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	42586	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	212192	20.00	ng		-0.01
38) Acenaphthene-d10	14.70	164	185371	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	419436	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	459700	20.00	ng		-0.02
86) Perylene-d12	25.11	264	445474	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	432656	176.01	ng		0.00
7) Phenol-d6	7.20	99	692560	167.44	ng		0.00
23) Nitrobenzene-d5	9.21	82	512114	95.12	ng		-0.01
41) 2,4,6-Tribromophenol	16.21	330	330923	124.20	ng		-0.01
44) 2-Fluorobiphenyl	13.32	172	979888	88.86	ng		-0.01
78) Terphenyl-d14	20.09	244	1678285	74.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	47238	50.21	ng		95
3) Pyridine	3.84	79	149288	44.90	ng		98
4) n-Nitrosodimethylamine	3.75	42	75431	44.76	ng	#	74
6) Aniline	7.36	93	213840	36.81	ng		97
8) 2-Chlorophenol	7.60	128	161947	55.04	ng		96
9) Benzaldehyde	7.17	77	110880	49.23	ng		90
10) Phenol	7.23	94	264449	60.82	ng		93
11) bis(2-Chloroethyl)ether	7.44	93	172282	50.24	ng		85
12) 1,3-Dichlorobenzene	7.92	146	161208	49.13	ng		97
13) 1,4-Dichlorobenzene	8.07	146	171265	51.14	ng		96
14) 1,2-Dichlorobenzene	8.39	146	169004	51.85	ng		87
15) Benzyl Alcohol	8.28	79	200937	50.20	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	231724	48.94	ng		95
17) 2-Methylphenol	8.49	107	166309	57.53	ng		94
18) Hexachloroethane	9.11	117	69310	49.12	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	188336	46.36	ng		97
20) 3+4-Methylphenols	8.83	107	233564	55.63	ng		88
22) Acetophenone	8.87	105	304631	49.76	ng	#	97
24) Nitrobenzene	9.26	77	278563	48.27	ng		92
25) Isophorone	9.78	82	513724	46.78	ng	#	95
26) 2-Nitrophenol	9.98	139	98750	48.24	ng	#	89
27) 2,4-Dimethylphenol	10.03	122	177136	51.75	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	271747	50.89	ng		95
29) 2,4-Dichlorophenol	10.53	162	199566	56.02	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	181068	47.49	ng		89
31) Naphthalene	10.91	128	544445	50.65	ng		100
32) Benzoic acid	10.18	122	16809	8.88	ng		92
33) 4-Chloroaniline	11.04	127	92501	19.28	ng		90
34) Hexachlorobutadiene	11.19	225	129803	43.24	ng		95
35) Caprolactam	11.83	113	76737m	52.95	ng		
36) 4-Chloro-3-methylphenol	12.17	107	254904	50.85	ng		97
37) 2-Methylnaphthalene	12.52	142	421291	51.18	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	239722	44.29	ng		99
40) Hexachlorocyclopentadiene	12.86	237	213307	81.79	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	169928	48.55	ng		97
43) 2,4,5-Trichlorophenol	13.23	196	174537	48.46	ng	#	93
45) 1,1'-Biphenyl	13.53	154	596767	47.08	ng		99
46) 2-Chloronaphthalene	13.58	162	467147	49.36	ng		97
47) 2-Nitroaniline	13.81	65	208125	47.26	ng		95
48) Acenaphthylene	14.43	152	765231	47.63	ng		99
49) Dimethylphthalate	14.16	163	1199212	84.33	ng		99
50) 2,6-Dinitrotoluene	14.29	165	151010	50.55	ng		96
51) Acenaphthene	14.77	154	480788	49.34	ng		99
52) 3-Nitroaniline	14.63	138	96024	32.19	ng		88
53) 2,4-Dinitrophenol	14.86	184	129421	63.52	ng		91
54) Dibenzofuran	15.11	168	788111	51.94	ng		98
55) 4-Nitrophenol	14.97	139	219652	91.86	ng		94
56) 2,4-Dinitrotoluene	15.09	165	229689	50.53	ng	#	86
57) Fluorene	15.76	166	660379	50.00	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	184011	52.91	ng		91
59) Diethylphthalate	15.51	149	734502	47.96	ng		96
60) 4-Chlorophenyl-phenylether	15.74	204	330823	46.76	ng		96
61) 4-Nitroaniline	15.81	138	143667	46.49	ng	#	83
62) Azobenzene	16.04	77	831150	53.42	ng		92
64) 4,6-Dinitro-2-methylphenol	15.86	198	131376	45.11	ng		88
65) n-Nitrosodiphenylamine	15.97	169	592694	51.66	ng		93
66) 4-Bromophenyl-phenylether	16.65	248	233198	47.93	ng		100
67) Hexachlorobenzene	16.77	284	244234	44.55	ng		94
68) Atrazine	16.92	200	252851	49.92	ng		96
69) Pentachlorophenol	17.13	266	240786	84.54	ng		97
70) Phenanthrene	17.52	178	1116789	52.27	ng		98
71) Anthracene	17.61	178	1134128	51.68	ng		98
72) Carbazole	17.89	167	1019518	49.91	ng		98
73) Di-n-butylphthalate	18.42	149	1267609	47.40	ng		97
74) Fluoranthene	19.53	202	1340500	48.06	ng		96
76) Benzidine	19.72	184	552030	42.42	ng		98
77) Pyrene	19.89	202	1348458	42.01	ng		93
79) Butylbenzylphthalate	20.77	149	577959	48.90	ng		95
80) Benzo(a)anthracene	21.75	228	1292685	49.40	ng		96
81) 3,3'-Dichlorobenzidine	21.67	252	292361	31.17	ng	#	95
82) Chrysene	21.82	228	1215048	49.40	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	797194	56.45	ng		98
84) Di-n-octyl phthalate	22.86	149	1375458	56.45	ng		98
85) Indeno(1,2,3-cd)pyrene	28.92	276	1529131	55.74	ng	#	100
87) Benzo(b)fluoranthene	24.04	252	1332361	51.41	ng	#	97
88) Benzo(k)fluoranthene	24.11	252	1275222	49.54	ng	#	97
89) Benzo(a)pyrene	24.95	252	1289717	51.48	ng	#	97
90) Dibenzo(a,h)anthracene	28.97	278	1246602	49.83	ng	#	97
91) Benzo(g,h,i)perylene	30.11	276	1278367	50.72	ng	#	96

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

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