Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091416\
Data File : BG023990.D
Acq On : 14 Sep 2016 20:20
Operator : UM/SJ
Sample : H4764-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HSR-WC-69-091216MSD

Manual Integrations APPROVED
sohil
9/15/2016 12:50:32 PM

Quant Time: Sep 15 11:11:14 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	46277	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	202049	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	179412	20.00	ng		-0.02
63) Phenanthrene-d10	17.51	188	417729	20.00	ng		-0.01
75) Chrysene-d12	21.82	240	431960	20.00	ng		-0.02
86) Perylene-d12	25.19	264	430036	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	385769	146.35	ng		-0.02
7) Phenol-d6	7.25	99	557752	137.46	ng		-0.03
23) Nitrobenzene-d5	9.26	82	455024	100.54	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	393482	121.73	ng		-0.02
44) 2-Fluorobiphenyl	13.36	172	956070	76.40	ng		-0.02
78) Terphenyl-d14	20.12	244	1745151	92.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	43995	40.47	ng	#	91
3) Pyridine	3.91	79	111847	34.23	ng		99
4) n-Nitrosodimethylamine	3.81	42	87361	50.73	ng	#	93
6) Aniline	7.40	93	85373	15.85	ng		95
8) 2-Chlorophenol	7.65	128	138204	45.26	ng		92
9) Benzaldehyde	7.22	77	22401	7.77	ng	#	76
10) Phenol	7.28	94	191308	44.82	ng		93
11) bis(2-Chloroethyl)ether	7.49	93	150189	44.72	ng		91
12) 1,3-Dichlorobenzene	7.96	146	149220	41.75	ng		95
13) 1,4-Dichlorobenzene	8.12	146	157221	41.52	ng		95
14) 1,2-Dichlorobenzene	8.44	146	147731	41.57	ng		93
15) Benzyl Alcohol	8.33	79	192215	53.73	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	187029	41.55	ng		94
17) 2-Methylphenol	8.54	107	138656	48.22	ng		97
18) Hexachloroethane	9.16	117	64242	44.06	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	164206	45.81	ng		94
20) 3+4-Methylphenols	8.87	107	193879	48.38	ng		97
22) Acetophenone	8.91	105	229940	43.96	ng	#	99
24) Nitrobenzene	9.30	77	245283	50.40	ng	#	97
25) Isophorone	9.82	82	429245	48.91	ng		99
26) 2-Nitrophenol	10.02	139	86901	46.97	ng		94
27) 2,4-Dimethylphenol	10.08	122	156505	49.77	ng		96
28) bis(2-Chloroethoxy)methane	10.31	93	215986	48.74	ng		98
29) 2,4-Dichlorophenol	10.58	162	178234	53.50	ng		95
30) 1,2,4-Trichlorobenzene	10.77	180	175357	47.99	ng		99
31) Naphthalene	10.96	128	544079	52.26	ng		100
32) Benzoic acid	10.26	122	85363	33.43	ng		100
33) 4-Chloroaniline	11.10	127	21762	5.01	ng	#	90
34) Hexachlorobutadiene	11.23	225	134624	49.06	ng		95
35) Caprolactam	11.88	113	53937m	45.94	ng		
36) 4-Chloro-3-methylphenol	12.22	107	229256	51.50	ng		98
37) 2-Methylnaphthalene	12.57	142	381571	48.18	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	206778	34.72	ng		99
40) Hexachlorocyclopentadiene	12.90	237	239459	67.91	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	168722	42.46	ng		98
43) 2,4,5-Trichlorophenol	13.27	196	178675	44.48	ng		91
45) 1,1'-Biphenyl	13.58	154	494107	34.24	ng		98
46) 2-Chloronaphthalene	13.63	162	434975	41.06	ng		98
47) 2-Nitroaniline	13.84	65	204431	48.99	ng		94
48) Acenaphthylene	14.47	152	701689	39.73	ng		99
49) Dimethylphthalate	14.20	163	641869	41.72	ng		98
50) 2,6-Dinitrotoluene	14.33	165	138776	42.73	ng		89
51) Acenaphthene	14.82	154	450218	41.24	ng		94
52) 3-Nitroaniline	14.68	138	16484	5.43	ng	#	65
53) 2,4-Dinitrophenol	14.89	184	191649	80.66	ng		90
54) Dibenzofuran	15.15	168	749868	44.01	ng		98
55) 4-Nitrophenol	15.01	139	186052	76.98	ng		86
56) 2,4-Dinitrotoluene	15.13	165	208764	43.73	ng	#	85
57) Fluorene	15.80	166	636274	43.06	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	197594	48.46	ng		96
59) Diethylphthalate	15.56	149	686957	41.83	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	340898	42.86	ng		97
61) 4-Nitroaniline	15.85	138	109811	35.76	ng		97
62) Azobenzene	16.08	77	768082	48.29	ng		96
64) 4,6-Dinitro-2-methylphenol	15.90	198	138429	47.73	ng		92
65) n-Nitrosodiphenylamine	16.01	169	591532	49.86	ng		97
66) 4-Bromophenyl-phenylether	16.69	248	251627	49.51	ng		99
67) Hexachlorobenzene	16.82	284	259783	43.58	ng		97
68) Atrazine	16.96	200	224166	43.91	ng		94
69) Pentachlorophenol	17.17	266	290637	91.81	ng		99
70) Phenanthrene	17.56	178	1091434	50.22	ng		98
71) Anthracene	17.65	178	1106210	49.90	ng		97
72) Carbazole	17.93	167	934939	46.48	ng		98
73) Di-n-butylphthalate	18.46	149	1125085	46.88	ng		97
74) Fluoranthene	19.57	202	1275483	48.75	ng		96
76) Benzidine	19.81	184	32107m	2.40	ng		
77) Pyrene	19.93	202	1266094	47.66	ng		95
79) Butylbenzylphthalate	20.80	149	493364	48.17	ng		98
80) Benzo(a)anthracene	21.80	228	1226778	50.73	ng		95
81) 3,3'-Dichlorobenzidine	21.72	252	134643	13.93	ng	#	95
82) Chrysene	21.87	228	1157658	50.30	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	678719	48.40	ng		95
84) Di-n-octyl phthalate	22.92	149	1119379	48.67	ng		100
85) Indeno(1,2,3-cd)pyrene	29.05	276	1356479	53.23	ng	#	100
87) Benzo(b)fluoranthene	24.11	252	1265532m	51.81	ng		
88) Benzo(k)fluoranthene	24.18	252	1200882	49.58	ng		99
89) Benzo(a)pyrene	25.02	252	1220312	52.60	ng		96
90) Dibenzo(a,h)anthracene	29.10	278	1121761	49.17	ng	#	97
91) Benzo(g,h,i)perylene	30.25	276	1094905	49.91	ng	#	95

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

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