Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
Data File : BG023836.D
Acq On : 22 Aug 2016 16:52
Operator : UM/SJ
Sample : H4500-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

Manual Integrations APPROVED
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8/23/2016 6:22:11 PM

Quant Time: Aug 23 12:12:50 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	100509	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	405717	20.00	ng		-0.03
38) Acenaphthene-d10	14.77	164	259978	20.00	ng		-0.02
63) Phenanthrene-d10	17.53	188	606925	20.00	ng		-0.02
75) Chrysene-d12	21.85	240	700394	20.00	ng		-0.02
86) Perylene-d12	25.23	264	704138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	323196	54.13	ng		-0.03
7) Phenol-d6	7.25	99	491466	52.84	ng		-0.03
23) Nitrobenzene-d5	9.27	82	743736	91.13	ng		-0.03
41) 2,4,6-Tribromophenol	16.27	330	240927	63.36	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	1442625	93.59	ng		-0.02
78) Terphenyl-d14	20.14	244	2253294	105.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	78466	30.84	ng		94
3) Pyridine	3.90	79	239080	28.60	ng		94
4) n-Nitrosodimethylamine	3.81	42	132080	42.61	ng	#	84
6) Aniline	7.41	93	375199	27.92	ng		95
8) 2-Chlorophenol	7.65	128	130410	19.01	ng		95
9) Benzaldehyde	7.23	77	99247	15.64	ng		92
10) Phenol	7.28	94	183707	18.46	ng		86
11) bis(2-Chloroethyl)ether	7.50	93	300316	37.84	ng		91
12) 1,3-Dichlorobenzene	7.98	146	283649	36.12	ng		92
13) 1,4-Dichlorobenzene	8.13	146	297776	37.04	ng		92
14) 1,2-Dichlorobenzene	8.45	146	283642	35.96	ng		94
15) Benzyl Alcohol	8.34	79	327552	46.48	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	417760	35.79	ng		91
17) 2-Methylphenol	8.55	107	155144	23.26	ng	#	85
18) Hexachloroethane	9.18	117	111448	36.83	ng		98
19) n-Nitroso-di-n-propylamine	8.90	70	286041	35.76	ng		99
20) 3+4-Methylphenols	8.88	107	199412	21.21	ng		88
22) Acetophenone	8.92	105	416690	37.51	ng	#	92
24) Nitrobenzene	9.32	77	418115	46.27	ng		94
25) Isophorone	9.83	82	739306	43.49	ng	#	95
26) 2-Nitrophenol	10.03	139	73566	19.29	ng	#	84
27) 2,4-Dimethylphenol	10.09	122	205107	31.58	ng		94
28) bis(2-Chloroethoxy)methane	10.32	93	429457	42.03	ng		96
29) 2,4-Dichlorophenol	10.58	162	148102	22.68	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	306219	43.48	ng		99
31) Naphthalene	10.98	128	870040	42.11	ng		99
33) 4-Chloroaniline	11.09	127	234138	23.71	ng		93
34) Hexachlorobutadiene	11.26	225	209535	45.24	ng		95
35) Caprolactam	11.87	113	85860	31.25	ng	#	87
36) 4-Chloro-3-methylphenol	12.22	107	205200	23.92	ng	#	91
37) 2-Methylnaphthalene	12.58	142	646750	41.18	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	326670	34.65	ng		98
40) Hexachlorocyclopentadiene	12.92	237	216808	45.61	ng		96
42) 2,4,6-Trichlorophenol	13.20	196	126172	22.47	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.28	196	129215	22.35	ng		93
45) 1,1'-Biphenyl	13.59	154	785587	39.53	ng		98
46) 2-Chloronaphthalene	13.64	162	687652	44.73	ng		97
47) 2-Nitroaniline	13.85	65	294325	46.11	ng		93
48) Acenaphthylene	14.49	152	1089665	44.84	ng		99
49) Dimethylphthalate	14.21	163	1150910	57.70	ng		98
50) 2,6-Dinitrotoluene	14.35	165	206378	43.69	ng	#	82
51) Acenaphthene	14.83	154	677115	43.98	ng		97
52) 3-Nitroaniline	14.68	138	140086	26.30	ng		85
53) 2,4-Dinitrophenol	14.91	184	19570	6.46	ng		88
54) Dibenzofuran	15.17	168	1105042	49.44	ng		94
55) 4-Nitrophenol	15.01	139	129984	31.07	ng	#	78
56) 2,4-Dinitrotoluene	15.14	165	305965	46.15	ng		94
57) Fluorene	15.82	166	889128	45.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	132940m	25.06	ng		
59) Diethylphthalate	15.57	149	967553	47.79	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	460856	44.64	ng		98
61) 4-Nitroaniline	15.85	138	219190	38.65	ng	#	73
62) Azobenzene	16.10	77	1052420	51.28	ng		92
64) 4,6-Dinitro-2-methylphenol	15.91	198	35549	8.61	ng		94
65) n-Nitrosodiphenylamine	16.03	169	817060	45.90	ng		93
66) 4-Bromophenyl-phenylether	16.71	248	320288	45.28	ng		97
67) Hexachlorobenzene	16.83	284	334807	43.26	ng		96
68) Atrazine	16.98	200	345902	50.60	ng		97
69) Pentachlorophenol	17.19	266	121440	26.92	ng		95
70) Phenanthrene	17.57	178	1467522	47.65	ng		98
71) Anthracene	17.66	178	1493196	48.21	ng		99
72) Carbazole	17.94	167	1403617	51.60	ng		97
73) Di-n-butylphthalate	18.48	149	1645384	62.67	ng		98
74) Fluoranthene	19.59	202	1791013	65.81	ng		96
76) Benzidine	19.77	184	1968931	101.13	ng		97
77) Pyrene	19.95	202	1808329	45.74	ng		97
79) Butylbenzylphthalate	20.82	149	833489	49.42	ng		94
80) Benzo(a)anthracene	21.82	228	1849428	47.84	ng		96
81) 3,3'-Dichlorobenzidine	21.74	252	449694	28.36	ng	#	97
82) Chrysene	21.89	228	1720918	46.78	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1144813	49.57	ng		100
84) Di-n-octyl phthalate	22.96	149	1933325	49.05	ng		99
85) Indeno(1,2,3-cd)pyrene	29.12	276	2128243	46.30	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	1912367	48.27	ng	#	96
88) Benzo(k)fluoranthene	24.22	252	1773377	46.60	ng	#	96
89) Benzo(a)pyrene	25.07	252	1811772	48.09	ng	#	97
90) Dibenzo(a,h)anthracene	29.17	278	1818302	47.24	ng	#	94
91) Benzo(g,h,i)perylene	30.32	276	1769504	45.65	ng	#	94

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

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