Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023077.D
Acq On : 13 Jul 2016 19:50
Operator : UM/SJ
Sample : H3946-15MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B5(6-12)CMSD

Quant Time: Jul 14 13:47:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 18:30:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	104445	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	497237	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	395031	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	895918	20.00	ng		0.00
75) Chrysene-d12	21.87	240	933314	20.00	ng		0.02
86) Perylene-d12	25.26	264	955763	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	942178	147.54	ng		0.00
7) Phenol-d6	7.32	99	1487607	148.73	ng		0.00
23) Nitrobenzene-d5	9.33	82	1039045	89.48	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	783435	110.35	ng		0.00
44) 2-Fluorobiphenyl	13.43	172	1995508	79.57	ng		0.00
78) Terphenyl-d14	20.16	244	2717700	97.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	103886	41.85	ng		97
3) Pyridine	3.97	79	281979	33.20	ng		94
4) n-Nitrosodimethylamine	3.88	42	156792	43.03	ng	#	100
6) Aniline	7.47	93	321590	23.20	ng		99
8) 2-Chlorophenol	7.72	128	351487	51.72	ng		95
9) Benzaldehyde	7.29	77	203416	30.44	ng		92
10) Phenol	7.34	94	547607	53.21	ng		95
11) bis(2-Chloroethyl)ether	7.57	93	362202	44.40	ng		96
12) 1,3-Dichlorobenzene	8.04	146	345083	41.48	ng		92
13) 1,4-Dichlorobenzene	8.19	146	348073	41.80	ng		91
14) 1,2-Dichlorobenzene	8.51	146	347587	41.98	ng		95
15) Benzyl Alcohol	8.40	79	490417	53.53	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	450179	45.18	ng		95
17) 2-Methylphenol	8.60	107	356209	53.17	ng		94
18) Hexachloroethane	9.25	117	145148	41.29	ng		99
19) n-Nitroso-di-n-propylamine	8.96	70	399736	44.33	ng	#	95
20) 3+4-Methylphenols	8.93	107	503674	53.91	ng		94
22) Acetophenone	8.98	105	631772	42.34	ng	#	95
24) Nitrobenzene	9.37	77	584430	47.36	ng		96
25) Isophorone	9.89	82	1044634	44.73	ng		97
26) 2-Nitrophenol	10.09	139	231509	47.82	ng		93
27) 2,4-Dimethylphenol	10.14	122	400375	47.84	ng		91
28) bis(2-Chloroethoxy)methane	10.38	93	591601	45.42	ng		99
29) 2,4-Dichlorophenol	10.63	162	452546	50.70	ng		99
30) 1,2,4-Trichlorobenzene	10.84	180	434415	42.47	ng		96
31) Naphthalene	11.03	128	1104090	43.62	ng		98
33) 4-Chloroaniline	11.15	127	142363	11.50	ng		96
34) Hexachlorobutadiene	11.31	225	324329	39.11	ng		91
35) Caprolactam	11.93	113	153888m	41.90	ng		
36) 4-Chloro-3-methylphenol	12.27	107	562441	46.07	ng		93
37) 2-Methylnaphthalene	12.63	142	912359	45.60	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	591146	34.73	ng		97
40) Hexachlorocyclopentadiene	12.97	237	729555	74.44	ng		99
42) 2,4,6-Trichlorophenol	13.24	196	440715	45.04	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	472331	47.01	ng		92
45) 1,1'-Biphenyl	13.64	154	1278567	43.14	ng		98
46) 2-Chloronaphthalene	13.68	162	1052223	43.76	ng		97
47) 2-Nitroaniline	13.89	65	464938	45.32	ng		92
48) Acenaphthylene	14.53	152	1562293	43.32	ng		99
49) Dimethylphthalate	14.25	163	1936986	60.03	ng	#	96
50) 2,6-Dinitrotoluene	14.38	165	326932	45.08	ng		90
51) Acenaphthene	14.87	154	1018674	43.22	ng		99
52) 3-Nitroaniline	14.71	138	165972	22.95	ng		95
53) 2,4-Dinitrophenol	14.92	184	133778	26.88	ng		96
54) Dibenzofuran	15.20	168	1632689	46.28	ng		99
55) 4-Nitrophenol	15.03	139	486734	80.30	ng		95
56) 2,4-Dinitrotoluene	15.17	165	471451	44.59	ng	#	98
57) Fluorene	15.85	166	1325437	43.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	463989	46.15	ng		99
59) Diethylphthalate	15.61	149	1448203	44.11	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	777384	42.04	ng		97
61) 4-Nitroaniline	15.88	138	315560	40.33	ng	#	86
62) Azobenzene	16.13	77	1551107	49.39	ng		93
64) 4,6-Dinitro-2-methylphenol	15.93	198	260662	39.15	ng		96
65) n-Nitrosodiphenylamine	16.06	169	1241139	48.08	ng		95
66) 4-Bromophenyl-phenylether	16.74	248	522649	44.84	ng		95
67) Hexachlorobenzene	16.86	284	546319	43.11	ng		98
68) Atrazine	17.00	200	516924	45.15	ng		97
69) Pentachlorophenol	17.21	266	674579	82.19	ng		99
70) Phenanthrene	17.60	178	2039902	46.46	ng		97
71) Anthracene	17.70	178	2065979	46.47	ng		98
72) Carbazole	17.97	167	1831601	47.68	ng		99
73) Di-n-butylphthalate	18.51	149	2111186	49.42	ng		98
74) Fluoranthene	19.61	202	2317533	43.01	ng		98
76) Benzidine	19.79	184	1178372	44.04	ng		100
77) Pyrene	19.97	202	2307030	43.99	ng		96
79) Butylbenzylphthalate	20.85	149	1051120	50.60	ng		95
80) Benzo(a)anthracene	21.85	228	2420850	46.36	ng		99
81) 3,3'-Dichlorobenzidine	21.76	252	546740	23.85	ng		95
82) Chrysene	21.92	228	2238664	45.70	ng		97
83) Bis(2-ethylhexyl)phthalate	21.73	149	1423078	49.33	ng		97
84) Di-n-octyl phthalate	23.00	149	2363241	49.13	ng		99
85) Indeno(1,2,3-cd)pyrene	29.14	276	2741753	43.90	ng	#	100
87) Benzo(b)fluoranthene	24.18	252	2554653	46.33	ng	#	98
88) Benzo(k)fluoranthene	24.25	252	2395771	45.78	ng	#	96
89) Benzo(a)pyrene	25.09	252	2447663	46.31	ng	#	99
90) Dibenzo(a,h)anthracene	29.20	278	2307782	43.99	ng	#	92
91) Benzo(g,h,i)perylene	30.35	276	2243213	42.70	ng	#	95

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

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