Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023414.D
Acq On : 3 Aug 2016 3:02
Operator : UM/SJ
Sample : H4288-10MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-14.0-15.0MSD

Quant Time: Aug 03 03:47:15 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	8.13	152	113510	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	568608	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	457460	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1143343	20.00	ng		0.00
75) Chrysene-d12	21.86	240	949321	20.00	ng		0.00
86) Perylene-d12	25.24	264	966925	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1140718	169.16	ng		0.00
7) Phenol-d6	7.28	99	1808302	172.17	ng		0.00
23) Nitrobenzene-d5	9.30	82	1197222	104.68	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	1079584	161.34	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	2324856	85.72	ng		0.00
78) Terphenyl-d14	20.16	244	3038014	104.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	96799	33.69	ng	#	89
3) Pyridine	3.93	79	333228	35.29	ng		94
4) n-Nitrosodimethylamine	3.84	42	168577	48.16	ng	#	75
6) Aniline	7.44	93	764217	50.36	ng		95
8) 2-Chlorophenol	7.68	128	446968	57.70	ng		99
9) Benzaldehyde	7.25	77	258135	44.47	ng		92
10) Phenol	7.31	94	708479	63.05	ng		83
11) bis(2-Chloroethyl)ether	7.53	93	441710	49.28	ng		90
12) 1,3-Dichlorobenzene	8.01	146	391234m	44.11	ng		
13) 1,4-Dichlorobenzene	8.15	146	409872	45.14	ng		94
14) 1,2-Dichlorobenzene	8.48	146	405137	45.49	ng		95
15) Benzyl Alcohol	8.36	79	561367	70.54	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	620728	47.09	ng		90
17) 2-Methylphenol	8.57	107	469698	62.35	ng	#	89
18) Hexachloroethane	9.21	117	149685	43.80	ng		92
19) n-Nitroso-di-n-propylamine	8.93	70	488429	54.06	ng		94
20) 3+4-Methylphenols	8.90	107	673619	63.43	ng		93
22) Acetophenone	8.95	105	709104	45.55	ng	#	89
24) Nitrobenzene	9.34	77	684657	54.06	ng		93
25) Isophorone	9.86	82	1319443	55.38	ng	#	94
26) 2-Nitrophenol	10.06	139	292022	54.63	ng	#	78
27) 2,4-Dimethylphenol	10.12	122	536813	58.98	ng		86
28) bis(2-Chloroethoxy)methane	10.35	93	742527	51.85	ng		97
29) 2,4-Dichlorophenol	10.60	162	560061	61.20	ng		98
30) 1,2,4-Trichlorobenzene	10.81	180	479705	48.60	ng		98
31) Naphthalene	11.00	128	1414885	48.87	ng		98
32) Benzoic acid	10.22	122	105453	17.34	ng		94
33) 4-Chloroaniline	11.12	127	539803	39.00	ng		94
34) Hexachlorobutadiene	11.28	225	300605	46.31	ng		94
35) Caprolactam	11.91	113	237662m	61.72	ng		
36) 4-Chloro-3-methylphenol	12.24	107	717881	59.70	ng		94
37) 2-Methylnaphthalene	12.61	142	1125214m	51.11	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	576722	34.76	ng		100
40) Hexachlorocyclopentadiene	12.95	237	749548	89.60	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	503736	50.97 ng		98
43) 2,4,5-Trichlorophenol	13.29	196	549529	54.02 ng		95
45) 1,1'-Biphenyl	13.61	154	1414339	40.44 ng		95
46) 2-Chloronaphthalene	13.66	162	1247079	46.10 ng		95
47) 2-Nitroaniline	13.87	65	592953	52.79 ng	#	87
48) Acenaphthylene	14.51	152	1978491	46.27 ng		95
49) Dimethylphthalate	14.23	163	2137167	60.89 ng	#	94
50) 2,6-Dinitrotoluene	14.36	165	436757	52.54 ng	#	82
51) Acenaphthene	14.85	154	1287655	47.53 ng		99
52) 3-Nitroaniline	14.70	138	417180	44.51 ng		81
53) 2,4-Dinitrophenol	14.90	184	423764	79.54 ng		93
54) Dibenzofuran	15.19	168	2020387	51.37 ng		99
55) 4-Nitrophenol	15.02	139	709767	96.42 ng	#	84
56) 2,4-Dinitrotoluene	15.15	165	639920	54.86 ng		94
57) Fluorene	15.84	166	1672750	48.73 ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	566052	60.64 ng		95
59) Diethylphthalate	15.60	149	1832678	51.44 ng		94
60) 4-Chlorophenyl-phenylether	15.82	204	889079	48.95 ng		98
61) 4-Nitroaniline	15.87	138	480553	48.16 ng	#	71
62) Azobenzene	16.12	77	1949072	53.97 ng		90
64) 4,6-Dinitro-2-methylphenol	15.92	198	401366	51.63 ng		93
65) n-Nitrosodiphenylamine	16.04	169	1617078	48.22 ng		93
66) 4-Bromophenyl-phenylether	16.73	248	661790	49.66 ng		94
67) Hexachlorobenzene	16.85	284	720735	49.44 ng		93
68) Atrazine	17.00	200	707739	54.96 ng		96
69) Pentachlorophenol	17.20	266	879158	103.44 ng		98
70) Phenanthrene	17.59	178	2641247	45.53 ng	#	91
71) Anthracene	17.68	178	2674980	45.84 ng	#	90
72) Carbazole	17.95	167	2513092	49.05 ng		95
73) Di-n-butylphthalate	18.49	149	2781392	55.29 ng	#	95
74) Fluoranthene	19.60	202	2827499	53.44 ng		91
76) Benzidine	19.78	184	1888533	71.56 ng		96
77) Pyrene	19.96	202	2769534	53.10 ng		94
79) Butylbenzylphthalate	20.84	149	1154799	50.52 ng		98
80) Benzo(a)anthracene	21.84	228	2446536	46.69 ng		97
81) 3,3'-Dichlorobenzidine	21.75	252	787058	36.62 ng	#	99
82) Chrysene	21.91	228	2324953	46.63 ng		96
83) Bis(2-ethylhexyl)phthalate	21.72	149	1503287	48.02 ng		98
84) Di-n-octyl phthalate	22.99	149	2568113	48.07 ng		99
85) Indeno(1,2,3-cd)pyrene	29.10	276	3210587	51.54 ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2660581	48.90 ng	#	95
88) Benzo(k)fluoranthene	24.23	252	2531286	48.44 ng	#	95
89) Benzo(a)pyrene	25.08	252	2586114	49.98 ng	#	96
90) Dibenzo(a,h)anthracene	29.17	278	2650705	50.15 ng	#	92
91) Benzo(g,h,i)perylene	30.32	276	2648036	49.75 ng	#	91

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

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