Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024593.D
Acq On : 1 Nov 2016 15:19
Operator : UM/SJ
Sample : H5478-06MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SD-5MS

Quant Time: Nov 02 03:12:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	129273	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	517035	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	395780	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	877983	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1148962	20.00	ng		0.00
86) Perylene-d12	25.35	264	1200431	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	956660	121.29	ng		0.00
7) Phenol-d6	7.41	99	1354562	125.20	ng		0.00
23) Nitrobenzene-d5	9.44	82	931186	82.00	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	724161	122.47	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1503361	63.13	ng		0.00
78) Terphenyl-d14	20.20	244	2053088	53.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	120214	37.31	ng		90
3) Pyridine	4.07	79	362515	37.57	ng		93
4) n-Nitrosodimethylamine	3.99	42	190938	38.23	ng	#	81
6) Aniline	7.59	93	335840	24.50	ng		99
8) 2-Chlorophenol	7.83	128	354155	44.16	ng		93
9) Benzaldehyde	7.41	77	77755	11.63	ng		87
10) Phenol	7.43	94	542189	48.61	ng		96
11) bis(2-Chloroethyl)ether	7.68	93	361278	43.12	ng		86
12) 1,3-Dichlorobenzene	8.16	146	400087	40.30	ng		98
13) 1,4-Dichlorobenzene	8.30	146	395558	40.34	ng		96
14) 1,2-Dichlorobenzene	8.63	146	380510	40.36	ng		95
15) Benzyl Alcohol	8.50	79	408776	40.62	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	595186	38.29	ng		98
17) 2-Methylphenol	8.70	107	330483	44.72	ng		98
18) Hexachloroethane	9.36	117	151522	40.20	ng		87
19) n-Nitroso-di-n-propylamine	9.07	70	338124	42.41	ng		90
20) 3+4-Methylphenols	9.03	107	439884	44.33	ng		99
22) Acetophenone	9.10	105	565415	42.57	ng	#	91
24) Nitrobenzene	9.49	77	506176	40.07	ng		97
25) Isophorone	10.00	82	885511	41.92	ng		97
26) 2-Nitrophenol	10.20	139	206022	43.94	ng		91
27) 2,4-Dimethylphenol	10.24	122	372492	45.38	ng		98
28) bis(2-Chloroethoxy)methane	10.48	93	496692	45.45	ng		95
29) 2,4-Dichlorophenol	10.73	162	385901	44.79	ng		97
30) 1,2,4-Trichlorobenzene	10.95	180	419905	41.08	ng		99
31) Naphthalene	11.15	128	1049273	40.69	ng		98
32) Benzoic acid	10.32	122	14645	2.14	ng	#	85
33) 4-Chloroaniline	11.25	127	168047	15.01	ng		94
34) Hexachlorobutadiene	11.41	225	322019	40.26	ng		99
35) Caprolactam	12.02	113	133891	42.45	ng	#	83
36) 4-Chloro-3-methylphenol	12.35	107	447230	43.00	ng		97
37) 2-Methylnaphthalene	12.73	142	759110	40.34	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	522568	39.15	ng		97
40) Hexachlorocyclopentadiene	13.06	237	687677	91.48	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	355854	44.35	ng		94
43) 2,4,5-Trichlorophenol	13.39	196	366733	42.27	ng		95
45) 1,1'-Biphenyl	13.72	154	1047886	38.15	ng		97
46) 2-Chloronaphthalene	13.77	162	853114	40.79	ng		98
47) 2-Nitroaniline	13.97	65	347147	40.54	ng		95
48) Acenaphthylene	14.61	152	1242321	38.74	ng		98
49) Dimethylphthalate	14.33	163	1596188	56.81	ng		98
50) 2,6-Dinitrotoluene	14.46	165	257663	42.96	ng	#	87
51) Acenaphthene	14.95	154	883393	36.95	ng		97
52) 3-Nitroaniline	14.79	138	152591	24.58	ng		96
53) 2,4-Dinitrophenol	14.99	184	117609	27.06	ng		96
54) Dibenzofuran	15.28	168	1317744	39.87	ng		99
55) 4-Nitrophenol	15.08	139	415171	76.77	ng	#	86
56) 2,4-Dinitrotoluene	15.24	165	370626	42.52	ng	#	95
57) Fluorene	15.92	166	1073843	39.18	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	393481	43.75	ng		92
59) Diethylphthalate	15.68	149	1147183	38.94	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	609886	39.65	ng		94
61) 4-Nitroaniline	15.95	138	253277	37.35	ng		96
62) Azobenzene	16.21	77	1171605	39.88	ng		95
64) 4,6-Dinitro-2-methylphenol	16.00	198	210157	34.74	ng		90
65) n-Nitrosodiphenylamine	16.12	169	1010773	42.11	ng		98
66) 4-Bromophenyl-phenylether	16.81	248	440590	41.34	ng		95
67) Hexachlorobenzene	16.92	284	484664	41.15	ng	#	88
68) Atrazine	17.06	200	468706	45.52	ng		98
69) Pentachlorophenol	17.26	266	577454	74.31	ng		96
70) Phenanthrene	17.67	178	1763767	39.41	ng		97
71) Anthracene	17.76	178	1818605	40.28	ng		99
72) Carbazole	18.03	167	1645862	39.97	ng		96
73) Di-n-butylphthalate	18.56	149	1858962	39.16	ng		98
74) Fluoranthene	19.66	202	2224503	39.32	ng		96
76) Benzidine	19.84	184	1141383	42.16	ng		99
77) Pyrene	20.03	202	2241826	39.91	ng		98
79) Butylbenzylphthalate	20.88	149	942231	40.24	ng		99
80) Benzo(a)anthracene	21.90	228	2447132	38.77	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	523109	20.54	ng	#	94
82) Chrysene	21.97	228	2340129	38.93	ng		100
83) Bis(2-ethylhexyl)phthalate	21.76	149	1307349	39.03	ng	#	99
84) Di-n-octyl phthalate	23.04	149	2246979	40.42	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.30	276	3176397	38.28	ng	#	95
87) Benzo(b)fluoranthene	24.26	252	2595134	39.99	ng		100
88) Benzo(k)fluoranthene	24.33	252	2445108	39.02	ng		97
89) Benzo(a)pyrene	25.20	252	2492911	39.32	ng	#	98
90) Dibenzo(a,h)anthracene	29.37	278	2640400	37.94	ng		96
91) Benzo(g,h,i)perylene	30.54	276	2606357	37.49	ng		99

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

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