Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100616\
Data File : BG024194.D
Acq On : 6 Oct 2016 7:55
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG100616

Quant Time: Oct 06 11:45:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG100616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 11:45:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	141457	20.00	ng		0.00
21) Naphthalene-d8	11.14	136	645167	20.00	ng		0.00
38) Acenaphthene-d10	14.92	164	514540	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	1132071	20.00	ng		0.00
75) Chrysene-d12	21.96	240	1154091	20.00	ng		0.00
86) Perylene-d12	25.42	264	1161949	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.83	112	649639	79.23	ng		0.00
7) Phenol-d6	7.43	99	973882	81.56	ng		0.00
23) Nitrobenzene-d5	9.48	82	1102247	82.80	ng		0.00
41) 2,4,6-Tribromophenol	16.40	330	532552	83.08	ng		0.00
44) 2-Fluorobiphenyl	13.55	172	2279482	82.91	ng		0.00
78) Terphenyl-d14	20.24	244	3064525	79.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.69	88	130241	42.07	ng		98
3) Pyridine	4.11	79	384549	42.43	ng		98
4) n-Nitrosodimethylamine	4.01	42	224094	39.04	ng		94
6) Aniline	7.62	93	673048	40.19	ng		99
8) 2-Chlorophenol	7.86	128	370670	40.71	ng		96
9) Benzaldehyde	7.44	77	265205	40.30	ng		97
10) Phenol	7.46	94	543406	41.13	ng		99
11) bis(2-Chloroethyl)ether	7.71	93	390897	39.71	ng		93
12) 1,3-Dichlorobenzene	8.20	146	413244	40.00	ng		98
13) 1,4-Dichlorobenzene	8.34	146	425913	40.59	ng		96
14) 1,2-Dichlorobenzene	8.67	146	399051	39.17	ng		92
15) Benzyl Alcohol	8.54	79	450441	40.81	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.83	45	805197	39.00	ng		97
17) 2-Methylphenol	8.73	107	342992	40.91	ng		98
18) Hexachloroethane	9.40	117	163389	40.13	ng		91
19) n-Nitroso-di-n-propylamine	9.11	70	407290	41.16	ng		99
20) 3+4-Methylphenols	9.06	107	493089	41.16	ng		98
22) Acetophenone	9.14	105	635612	40.57	ng	#	95
24) Nitrobenzene	9.52	77	612005	41.38	ng		96
25) Isophorone	10.05	82	1095975	40.92	ng		100
26) 2-Nitrophenol	10.24	139	222901	40.97	ng		97
27) 2,4-Dimethylphenol	10.28	122	429149	39.17	ng		97
28) bis(2-Chloroethoxy)methane	10.53	93	593291	41.49	ng		97
29) 2,4-Dichlorophenol	10.77	162	418035	39.60	ng		97
30) 1,2,4-Trichlorobenzene	10.99	180	450160	39.19	ng		97
31) Naphthalene	11.19	128	1212847	40.06	ng		99
32) Benzoic acid	10.41	122	359679	44.75	ng		97
33) 4-Chloroaniline	11.29	127	559860	39.94	ng		95
34) Hexachlorobutadiene	11.46	225	348407	40.62	ng		98
35) Caprolactam	12.09	113	159040	43.15	ng		97
36) 4-Chloro-3-methylphenol	12.37	107	554284	40.72	ng		95
37) 2-Methylnaphthalene	12.77	142	906648	40.20	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	605872	41.39	ng		99
40) Hexachlorocyclopentadiene	13.10	237	413686	41.15	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	405337	41.06	ng		97
43) 2,4,5-Trichlorophenol	13.43	196	423429	41.46	ng		98
45) 1,1'-Biphenyl	13.76	154	1377336	41.39	ng		99
46) 2-Chloronaphthalene	13.81	162	1043848	40.92	ng		98
47) 2-Nitroaniline	14.01	65	432222	43.38	ng		98
48) Acenaphthylene	14.65	152	1645181	41.57	ng		98
49) Dimethylphthalate	14.37	163	1416148	41.13	ng		99
50) 2,6-Dinitrotoluene	14.49	165	314277	42.77	ng		97
51) Acenaphthene	14.99	154	1150622	40.97	ng		98
52) 3-Nitroaniline	14.82	138	299735	42.27	ng		95
53) 2,4-Dinitrophenol	15.02	184	194519	44.18	ng		95
54) Dibenzofuran	15.32	168	1574969	41.46	ng		99
55) 4-Nitrophenol	15.10	139	282547	43.37	ng		90
56) 2,4-Dinitrotoluene	15.27	165	443202	43.56	ng	#	98
57) Fluorene	15.96	166	1348461	41.28	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	397907	41.65	ng		99
59) Diethylphthalate	15.72	149	1467979	40.99	ng		98
60) 4-Chlorophenyl-phenylether	15.95	204	762680	40.99	ng		99
61) 4-Nitroaniline	15.98	138	317073	41.71	ng		95
62) Azobenzene	16.24	77	1485570	41.80	ng		97
64) 4,6-Dinitro-2-methylphenol	16.03	198	283425	41.52	ng		86
65) n-Nitrosodiphenylamine	16.16	169	1262375	40.05	ng		99
66) 4-Bromophenyl-phenylether	16.85	248	521770	40.71	ng		93
67) Hexachlorobenzene	16.96	284	580120	39.32	ng		96
68) Atrazine	17.10	200	441338	40.68	ng		99
69) Pentachlorophenol	17.30	266	374800	41.17	ng		94
70) Phenanthrene	17.70	178	2138277	40.76	ng		99
71) Anthracene	17.80	178	2176935	40.57	ng		99
72) Carbazole	18.06	167	1949522	40.40	ng		99
73) Di-n-butylphthalate	18.60	149	2170199	40.18	ng		99
74) Fluoranthene	19.69	202	2347546	39.60	ng		99
76) Benzidine	19.87	184	1142436	42.20	ng		97
77) Pyrene	20.06	202	2401654	40.61	ng		96
79) Butylbenzylphthalate	20.93	149	1026612	40.56	ng		98
80) Benzo(a)anthracene	21.95	228	2396166	39.70	ng		99
81) 3,3'-Dichlorobenzidine	21.85	252	966871	39.28	ng		97
82) Chrysene	22.02	228	2293052	39.82	ng		98
83) Bis(2-ethylhexyl)phthalate	21.82	149	1435986	40.75	ng		99
84) Di-n-octyl phthalate	23.12	149	2395285	40.44	ng		100
85) Indeno(1,2,3-cd)pyrene	29.41	276	2813336	39.55	ng		99
87) Benzo(b)fluoranthene	24.32	252	2403329	39.42	ng		100
88) Benzo(k)fluoranthene	24.39	252	2410722	39.80	ng		97
89) Benzo(a)pyrene	25.26	252	2335724	39.60	ng		98
90) Dibenzo(a,h)anthracene	29.50	278	2363707	39.47	ng		100
91) Benzo(g,h,i)perylene	30.67	276	2322443	39.44	ng		98

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

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