Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024591.D
Acq On : 1 Nov 2016 14:02
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 02 03:10:48 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	147154	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	584679	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	440739	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	984222	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1272723	20.00	ng		0.00
86) Perylene-d12	25.36	264	1357779	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	682220	75.99	ng		0.00
7) Phenol-d6	7.41	99	970438	78.80	ng		0.00
23) Nitrobenzene-d5	9.44	82	1027369	80.00	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	548167	83.25	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	2075514	78.27	ng		0.00
78) Terphenyl-d14	20.21	244	3226285	75.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	139962	38.16	ng		91
3) Pyridine	4.07	79	426283	38.81	ng	#	88
4) n-Nitrosodimethylamine	3.99	42	204050	35.89	ng	#	71
6) Aniline	7.59	93	608283	38.99	ng		95
8) 2-Chlorophenol	7.83	128	348692	38.20	ng		93
9) Benzaldehyde	7.41	77	292838	38.48	ng		96
10) Phenol	7.44	94	504607	39.75	ng		93
11) bis(2-Chloroethyl)ether	7.68	93	372964	39.11	ng		87
12) 1,3-Dichlorobenzene	8.16	146	429735	38.03	ng		95
13) 1,4-Dichlorobenzene	8.30	146	440401	39.46	ng		96
14) 1,2-Dichlorobenzene	8.63	146	414423	38.62	ng		96
15) Benzyl Alcohol	8.50	79	440429	38.44	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.78	45	664232	37.54	ng		95
17) 2-Methylphenol	8.70	107	331913	39.46	ng		96
18) Hexachloroethane	9.36	117	166960	38.91	ng		92
19) n-Nitroso-di-n-propylamine	9.07	70	355398	39.16	ng		92
20) 3+4-Methylphenols	9.03	107	458964	40.63	ng		96
22) Acetophenone	9.10	105	589467	39.25	ng	#	92
24) Nitrobenzene	9.49	77	553391	38.74	ng		96
25) Isophorone	10.00	82	917824	38.42	ng		96
26) 2-Nitrophenol	10.20	139	220004	41.49	ng		96
27) 2,4-Dimethylphenol	10.24	122	365623	39.39	ng		92
28) bis(2-Chloroethoxy)methane	10.48	93	489581	39.61	ng		96
29) 2,4-Dichlorophenol	10.73	162	383572	39.37	ng		96
30) 1,2,4-Trichlorobenzene	10.95	180	461380	39.92	ng		96
31) Naphthalene	11.15	128	1147570	39.35	ng		99
32) Benzoic acid	10.37	122	226873	29.35	ng		96
33) 4-Chloroaniline	11.25	127	506488	40.00	ng		92
34) Hexachlorobutadiene	11.41	225	366763	40.55	ng		96
35) Caprolactam	12.03	113	134126	37.60	ng	#	81
36) 4-Chloro-3-methylphenol	12.34	107	462754	39.34	ng		94
37) 2-Methylnaphthalene	12.73	142	839325	39.44	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	593446	39.92	ng		97
40) Hexachlorocyclopentadiene	13.06	237	404100	48.27	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	357777	40.04	ng		94
43) 2,4,5-Trichlorophenol	13.39	196	391874	40.56	ng		96
45) 1,1'-Biphenyl	13.72	154	1217483	39.81	ng		96
46) 2-Chloronaphthalene	13.77	162	926902	39.80	ng		100
47) 2-Nitroaniline	13.97	65	390396	40.94	ng		97
48) Acenaphthylene	14.61	152	1406826	39.39	ng		99
49) Dimethylphthalate	14.33	163	1228966	39.28	ng		99
50) 2,6-Dinitrotoluene	14.46	165	287079	42.98	ng	#	80
51) Acenaphthene	14.95	154	972677	36.53	ng		98
52) 3-Nitroaniline	14.79	138	280373	40.56	ng		97
53) 2,4-Dinitrophenol	14.99	184	171795	35.49	ng		96
54) Dibenzofuran	15.28	168	1441722	39.17	ng		99
55) 4-Nitrophenol	15.07	139	220224	36.57	ng	#	80
56) 2,4-Dinitrotoluene	15.24	165	411566	42.40	ng	#	93
57) Fluorene	15.93	166	1206633	39.53	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	399968	39.93	ng	#	94
59) Diethylphthalate	15.68	149	1253172	38.20	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	682131	39.83	ng		93
61) 4-Nitroaniline	15.95	138	305711	40.49	ng		97
62) Azobenzene	16.21	77	1251587	38.26	ng		93
64) 4,6-Dinitro-2-methylphenol	16.00	198	250624	36.96	ng		90
65) n-Nitrosodiphenylamine	16.12	169	1061461	39.45	ng		96
66) 4-Bromophenyl-phenylether	16.81	248	485685	40.65	ng		94
67) Hexachlorobenzene	16.92	284	554761	42.02	ng		91
68) Atrazine	17.06	200	431371	37.38	ng		96
69) Pentachlorophenol	17.26	266	304982	35.01	ng		96
70) Phenanthrene	17.67	178	1945150	38.77	ng		99
71) Anthracene	17.76	178	1989785	39.31	ng		98
72) Carbazole	18.03	167	1787024	38.72	ng		98
73) Di-n-butylphthalate	18.55	149	2069133	38.88	ng		98
74) Fluoranthene	19.66	202	2475413	39.03	ng		98
76) Benzidine	19.84	184	1319856	44.01	ng		100
77) Pyrene	20.03	202	2513052	40.39	ng		97
79) Butylbenzylphthalate	20.88	149	1051568	40.54	ng		97
80) Benzo(a)anthracene	21.90	228	2720113	38.91	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	1095749	38.85	ng		96
82) Chrysene	21.97	228	2611788	39.22	ng		98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1445110	38.95	ng		96
84) Di-n-octyl phthalate	23.04	149	2416055	39.24	ng		94
85) Indeno(1,2,3-cd)pyrene	29.29	276	3549849	38.62	ng		99
87) Benzo(b)fluoranthene	24.26	252	2938632	40.04	ng		97
88) Benzo(k)fluoranthene	24.33	252	2721346	38.40	ng		100
89) Benzo(a)pyrene	25.19	252	2811131	39.20	ng		98
90) Dibenzo(a,h)anthracene	29.37	278	3001241	38.13	ng		97
91) Benzo(g,h,i)perylene	30.54	276	2994159	38.08	ng		99

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

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