Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024575.D
Acq On : 1 Nov 2016 3:47
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 01 12:02:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:50:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	162532	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	651959	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	481156	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	1093142	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1477608	20.00	ng		0.00
86) Perylene-d12	25.36	264	1593303	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	780551	78.71	ng		0.00
7) Phenol-d6	7.41	99	1117461	82.15	ng		0.00
23) Nitrobenzene-d5	9.45	82	1145185	79.97	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	611718	85.10	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	2283839	78.89	ng		0.00
78) Terphenyl-d14	20.21	244	3476140	70.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	153517	37.89	ng		96
3) Pyridine	4.08	79	469955	38.74	ng		91
4) n-Nitrosodimethylamine	4.00	42	245820	39.15	ng	#	87
6) Aniline	7.59	93	684402	39.72	ng		97
8) 2-Chlorophenol	7.83	128	406588	40.33	ng		92
9) Benzaldehyde	7.40	77	333807	39.71	ng		97
10) Phenol	7.43	94	572335	40.82	ng		94
11) bis(2-Chloroethyl)ether	7.68	93	420810	39.95	ng		92
12) 1,3-Dichlorobenzene	8.16	146	499170	39.99	ng		99
13) 1,4-Dichlorobenzene	8.31	146	507259	41.15	ng		98
14) 1,2-Dichlorobenzene	8.63	146	469189	39.58	ng		95
15) Benzyl Alcohol	8.50	79	507597	40.11	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.78	45	758469	38.81	ng		96
17) 2-Methylphenol	8.70	107	384054	41.33	ng		95
18) Hexachloroethane	9.36	117	197892	41.76	ng		97
19) n-Nitroso-di-n-propylamine	9.07	70	402723	40.17	ng	#	91
20) 3+4-Methylphenols	9.03	107	507483	40.68	ng		98
22) Acetophenone	9.10	105	658256	39.31	ng		93
24) Nitrobenzene	9.49	77	624862	39.22	ng		97
25) Isophorone	10.01	82	1026277	38.53	ng		99
26) 2-Nitrophenol	10.20	139	254132	42.98	ng		97
27) 2,4-Dimethylphenol	10.24	122	414360	40.03	ng		90
28) bis(2-Chloroethoxy)methane	10.48	93	537265	38.98	ng		99
29) 2,4-Dichlorophenol	10.73	162	447149	41.16	ng		97
30) 1,2,4-Trichlorobenzene	10.95	180	520664	40.40	ng		99
31) Naphthalene	11.15	128	1283969	39.48	ng		98
32) Benzoic acid	10.38	122	291539	33.82	ng		97
33) 4-Chloroaniline	11.25	127	564443	39.97	ng		95
34) Hexachlorobutadiene	11.42	225	415616	41.20	ng		99
35) Caprolactam	12.03	113	147048	36.97	ng	#	91
36) 4-Chloro-3-methylphenol	12.34	107	526332	40.13	ng		96
37) 2-Methylnaphthalene	12.73	142	951148	40.08	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	676581	41.69	ng		97
40) Hexachlorocyclopentadiene	13.06	237	351789	38.49	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	416174	42.66	ng		94
43) 2,4,5-Trichlorophenol	13.40	196	444136	42.11	ng		97
45) 1,1'-Biphenyl	13.73	154	1349471	40.42	ng		97
46) 2-Chloronaphthalene	13.77	162	1025666	40.34	ng		98
47) 2-Nitroaniline	13.97	65	443279	42.58	ng		97
48) Acenaphthylene	14.61	152	1558473	39.97	ng		98
49) Dimethylphthalate	14.33	163	1359625	39.80	ng		97
50) 2,6-Dinitrotoluene	14.46	165	306839	42.08	ng		88
51) Acenaphthene	14.95	154	1047142	36.03	ng		98
52) 3-Nitroaniline	14.79	138	308918	40.94	ng		98
53) 2,4-Dinitrophenol	14.99	184	206982	39.17	ng		88
54) Dibenzofuran	15.28	168	1589454	39.55	ng		99
55) 4-Nitrophenol	15.08	139	263396	40.06	ng		90
56) 2,4-Dinitrotoluene	15.24	165	458090	43.23	ng	#	92
57) Fluorene	15.93	166	1321478	39.66	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	446646	40.85	ng		92
59) Diethylphthalate	15.68	149	1362814	38.05	ng		97
60) 4-Chlorophenyl-phenylether	15.91	204	754116	40.33	ng		95
61) 4-Nitroaniline	15.95	138	345966	41.97	ng		97
62) Azobenzene	16.20	77	1366451	38.26	ng		96
64) 4,6-Dinitro-2-methylphenol	16.00	198	292636	38.86	ng		92
65) n-Nitrosodiphenylamine	16.13	169	1188406	39.77	ng		98
66) 4-Bromophenyl-phenylether	16.80	248	542500	40.88	ng		98
67) Hexachlorobenzene	16.93	284	605609	41.30	ng	#	91
68) Atrazine	17.06	200	483836	37.74	ng		97
69) Pentachlorophenol	17.27	266	362728	37.49	ng		94
70) Phenanthrene	17.67	178	2135463	38.33	ng		98
71) Anthracene	17.76	178	2184719	38.86	ng		98
72) Carbazole	18.03	167	1997517	38.96	ng		99
73) Di-n-butylphthalate	18.56	149	2224225	37.63	ng		99
74) Fluoranthene	19.67	202	2701730	38.36	ng		99
76) Benzidine	19.84	184	1463682	42.04	ng		99
77) Pyrene	20.02	202	2742858	37.97	ng		96
79) Butylbenzylphthalate	20.89	149	1181519	39.23	ng		98
80) Benzo(a)anthracene	21.90	228	3078947	37.93	ng		96
81) 3,3'-Dichlorobenzidine	21.81	252	1268289	38.73	ng		99
82) Chrysene	21.97	228	2923555	37.82	ng		95
83) Bis(2-ethylhexyl)phthalate	21.76	149	1648129	38.26	ng		99
84) Di-n-octyl phthalate	23.04	149	2799193	39.16	ng		94
85) Indeno(1,2,3-cd)pyrene	29.31	276	4143524	38.83	ng	#	97
87) Benzo(b)fluoranthene	24.26	252	3304702	38.37	ng		99
88) Benzo(k)fluoranthene	24.33	252	3124582	37.57	ng		100
89) Benzo(a)pyrene	25.19	252	3247154	38.59	ng		99
90) Dibenzo(a,h)anthracene	29.37	278	3538796	38.31	ng		98
91) Benzo(g,h,i)perylene	30.55	276	3505646	37.99	ng		95

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

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