Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
Data File : BG024496.D
Acq On : 25 Oct 2016 14:24
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Oct 25 15:48:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 15:14:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	107297	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	440940	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	352210	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	837938	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1123359	20.00	ng		0.00
86) Perylene-d12	25.37	264	1204060	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	497956	80.06	ng		0.00
7) Phenol-d6	7.40	99	700525	77.35	ng		0.00
23) Nitrobenzene-d5	9.45	82	726406	79.84	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	418420	95.36	ng		0.00
44) 2-Fluorobiphenyl	13.52	172	1570427	83.44	ng		0.00
78) Terphenyl-d14	20.21	244	2836344	75.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	102948	43.84	ng		93
3) Pyridine	4.08	79	309105	44.96	ng		88
4) n-Nitrosodimethylamine	3.99	42	163618	37.58	ng	#	83
6) Aniline	7.59	93	445951	35.10	ng		96
8) 2-Chlorophenol	7.83	128	251576	36.43	ng		97
9) Benzaldehyde	7.41	77	214888	43.05	ng		96
10) Phenol	7.43	94	357648	35.69	ng		96
11) bis(2-Chloroethyl)ether	7.68	93	262385	35.15	ng		92
12) 1,3-Dichlorobenzene	8.16	146	308567	39.37	ng		96
13) 1,4-Dichlorobenzene	8.31	146	311230	39.11	ng		97
14) 1,2-Dichlorobenzene	8.63	146	297505	38.50	ng		99
15) Benzyl Alcohol	8.50	79	323672	38.66	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	496874	31.73	ng		94
17) 2-Methylphenol	8.70	107	234817	36.93	ng		96
18) Hexachloroethane	9.36	117	115200	37.30	ng		95
19) n-Nitroso-di-n-propylamine	9.07	70	263055	35.04	ng		90
20) 3+4-Methylphenols	9.03	107	327317	36.02	ng		96
22) Acetophenone	9.10	105	429463	40.11	ng	#	90
24) Nitrobenzene	9.49	77	410609	40.62	ng		96
25) Isophorone	10.00	82	695354	37.99	ng		97
26) 2-Nitrophenol	10.20	139	151367	40.71	ng		98
27) 2,4-Dimethylphenol	10.24	122	272452	36.39	ng		99
28) bis(2-Chloroethoxy)methane	10.48	93	345332	35.34	ng		99
29) 2,4-Dichlorophenol	10.73	162	283344	39.27	ng		99
30) 1,2,4-Trichlorobenzene	10.95	180	325900	41.51	ng		94
31) Naphthalene	11.15	128	836882	40.44	ng		97
32) Benzoic acid	10.35	122	221236	40.27	ng		97
33) 4-Chloroaniline	11.25	127	379911	39.65	ng		96
34) Hexachlorobutadiene	11.42	225	248709	42.43	ng		96
35) Caprolactam	12.02	113	104319	41.41	ng	#	92
36) 4-Chloro-3-methylphenol	12.34	107	348930	37.51	ng		95
37) 2-Methylnaphthalene	12.73	142	606504	39.35	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	431665	43.08	ng		97
40) Hexachlorocyclopentadiene	13.06	237	251379	36.53	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	264867	39.20	ng		96
43) 2,4,5-Trichlorophenol	13.39	196	291355	41.67	ng		91
45) 1,1'-Biphenyl	13.73	154	907077	39.82	ng		95
46) 2-Chloronaphthalene	13.77	162	683636	39.15	ng		98
47) 2-Nitroaniline	13.97	65	308204	45.18	ng		96
48) Acenaphthylene	14.62	152	1091212	40.28	ng		96
49) Dimethylphthalate	14.33	163	967152	41.04	ng		100
50) 2,6-Dinitrotoluene	14.46	165	213977	42.54	ng		92
51) Acenaphthene	14.96	154	803825	41.82	ng		96
52) 3-Nitroaniline	14.79	138	217744	44.86	ng		96
53) 2,4-Dinitrophenol	14.99	184	157925	52.40	ng		99
54) Dibenzofuran	15.28	168	1118625	43.02	ng		99
55) 4-Nitrophenol	15.07	139	188550	42.28	ng		96
56) 2,4-Dinitrotoluene	15.24	165	319984	45.95	ng	#	98
57) Fluorene	15.93	166	945009	42.26	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	316191	48.35	ng		95
59) Diethylphthalate	15.68	149	1020977	41.64	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	515604	40.48	ng		96
61) 4-Nitroaniline	15.95	138	237692	45.68	ng		93
62) Azobenzene	16.21	77	1015315	41.73	ng		98
64) 4,6-Dinitro-2-methylphenol	16.00	198	223267	44.19	ng		91
65) n-Nitrosodiphenylamine	16.13	169	854185	36.62	ng		99
66) 4-Bromophenyl-phenylether	16.81	248	377681	39.81	ng		94
67) Hexachlorobenzene	16.93	284	426156	39.02	ng	#	89
68) Atrazine	17.07	200	376600	46.90	ng		96
69) Pentachlorophenol	17.27	266	292669	43.43	ng		95
70) Phenanthrene	17.67	178	1586720	40.86	ng		96
71) Anthracene	17.76	178	1616325	40.70	ng		98
72) Carbazole	18.03	167	1456452	40.77	ng		98
73) Di-n-butylphthalate	18.56	149	1702457	42.59	ng		98
74) Fluoranthene	19.67	202	2064947	47.06	ng		98
76) Benzidine	19.84	184	1004798	38.13	ng		97
77) Pyrene	20.03	202	2133433	37.06	ng		98
79) Butylbenzylphthalate	20.89	149	867643	35.21	ng		98
80) Benzo(a)anthracene	21.91	228	2285047	38.90	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	939408	39.21	ng		98
82) Chrysene	21.98	228	2211906	39.46	ng		98
83) Bis(2-ethylhexyl)phthalate	21.77	149	1233681	35.97	ng		99
84) Di-n-octyl phthalate	23.05	149	2068052	35.87	ng		96
85) Indeno(1,2,3-cd)pyrene	29.32	276	2935712	42.40	ng		99
87) Benzo(b)fluoranthene	24.26	252	2410632	38.16	ng		100
88) Benzo(k)fluoranthene	24.34	252	2353186	37.49	ng		97
89) Benzo(a)pyrene	25.20	252	2375904	38.87	ng		99
90) Dibenzo(a,h)anthracene	29.39	278	2505450	40.37	ng		98
91) Benzo(g,h,i)perylene	30.57	276	2478658	40.62	ng		99

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

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