Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022216\
Data File : BG021017.D
Acq On : 22 Feb 2016 14:09
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 23 05:49:05 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 22 23:59:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	19859	20.00	ng		0.02
21) Naphthalene-d8	11.08	136	100940	20.00	ng		0.02
38) Acenaphthene-d10	14.87	164	58245	20.00	ng		0.02
63) Phenanthrene-d10	17.61	188	109855	20.00	ng		0.02
75) Chrysene-d12	21.88	240	68631	20.00	ng		0.02
86) Perylene-d12	25.26	264	66084	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	93882	88.93	ng		0.05
7) Phenol-d6	7.54	99	138409	91.47	ng		0.06
23) Nitrobenzene-d5	9.46	82	124889	91.67	ng		0.03
41) 2,4,6-Tribromophenol	16.37	330	57703	72.70	ng		0.02
44) 2-Fluorobiphenyl	13.49	172	351849	84.35	ng		0.02
78) Terphenyl-d14	20.18	244	277973	76.40	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.73	88	15044	47.77	ng		90
3) Pyridine	4.37	79	47309	47.45	ng		93
4) n-Nitrosodimethylamine	4.07	42	14123	53.27	ng		96
6) Aniline	7.65	93	38391	30.74	ng		98
8) 2-Chlorophenol	7.87	128	59243	43.84	ng		95
9) Benzaldehyde	7.46	77	29784	47.44	ng		97
10) Phenol	7.57	94	72679	45.56	ng		95
11) bis(2-Chloroethyl)ether	7.71	93	60362	46.29	ng		99
12) 1,3-Dichlorobenzene	8.14	146	63874	41.81	ng		99
13) 1,4-Dichlorobenzene	8.28	146	66512	41.82	ng		98
14) 1,2-Dichlorobenzene	8.61	146	62319	41.57	ng		98
15) Benzyl Alcohol	8.61	79	44522	45.10	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.80	45	66902	46.96	ng	#	3
17) 2-Methylphenol	8.80	107	52098	43.91	ng	#	90
18) Hexachloroethane	9.33	117	22169	44.24	ng		88
19) n-Nitroso-di-n-propylamine	9.18	70	44960	46.59	ng		97
20) 3+4-Methylphenols	9.14	107	72809	43.65	ng		98
22) Acetophenone	9.18	105	97612	44.85	ng	#	96
24) Nitrobenzene	9.51	77	65400	45.80	ng		92
25) Isophorone	10.20	82	130692	43.96	ng		94
26) 2-Nitrophenol	10.22	139	39760	45.92	ng		93
27) 2,4-Dimethylphenol	10.32	122	62230	43.06	ng		94
28) bis(2-Chloroethoxy)methane	10.52	93	80324	45.65	ng		98
29) 2,4-Dichlorophenol	10.78	162	58119	40.17	ng		96
30) 1,2,4-Trichlorobenzene	10.93	180	60650	39.02	ng		98
31) Naphthalene	11.13	128	209334	40.48	ng		98
32) Benzoic acid	10.67	122	54329	40.43	ng		96
33) 4-Chloroaniline	11.30	127	65206	33.54	ng		98
34) Hexachlorobutadiene	11.39	225	32934	38.60	ng		96
35) Caprolactam	12.60	113	20504	36.38	ng		96
36) 4-Chloro-3-methylphenol	12.44	107	67476	43.94	ng		98
37) 2-Methylnaphthalene	12.71	142	144598	38.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	73186	42.44	ng		99
40) Hexachlorocyclopentadiene	13.04	237	41079	44.33	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	50433	42.30	ng		99
43) 2,4,5-Trichlorophenol	13.44	196	52325	41.84	ng		96
45) 1,1'-Biphenyl	13.71	154	210578	42.42	ng		99
46) 2-Chloronaphthalene	13.75	162	149932	42.43	ng		98
47) 2-Nitroaniline	14.01	65	36866	48.21	ng		90
48) Acenaphthylene	14.60	152	265457	41.46	ng		99
49) Dimethylphthalate	14.39	163	196460	40.89	ng		99
50) 2,6-Dinitrotoluene	14.48	165	42494	41.39	ng		89
51) Acenaphthene	14.93	154	150651	41.59	ng		99
52) 3-Nitroaniline	14.84	138	43183	42.14	ng		95
53) 2,4-Dinitrophenol	15.01	184	24745	40.01	ng		93
54) Dibenzofuran	15.26	168	217148	40.48	ng		100
55) 4-Nitrophenol	15.22	139	39794	41.69	ng		92
56) 2,4-Dinitrotoluene	15.26	165	59074	42.04	ng	#	85
57) Fluorene	15.91	166	192261	39.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.52	232	43054	39.51	ng		97
59) Diethylphthalate	15.72	149	195930	40.51	ng		99
60) 4-Chlorophenyl-phenylether	15.90	204	89015	37.66	ng		99
61) 4-Nitroaniline	16.01	138	43748	42.90	ng		98
62) Azobenzene	16.19	77	139666	43.61	ng		95
64) 4,6-Dinitro-2-methylphenol	16.01	198	33102	43.32	ng		95
65) n-Nitrosodiphenylamine	16.13	169	155206	43.81	ng		97
66) 4-Bromophenyl-phenylether	16.79	248	53253	40.80	ng		96
67) Hexachlorobenzene	16.90	284	57769	39.10	ng		97
68) Atrazine	17.14	200	43698	42.26	ng		97
69) Pentachlorophenol	17.27	266	35242	42.34	ng		98
70) Phenanthrene	17.65	178	251013	40.79	ng		99
71) Anthracene	17.74	178	250972	41.02	ng		99
72) Carbazole	18.04	167	216960	41.72	ng		100
73) Di-n-butylphthalate	18.56	149	254496	42.70	ng		99
74) Fluoranthene	19.64	202	206618	40.27	ng		98
76) Benzidine	19.85	184	48979	23.97	ng		98
77) Pyrene	20.00	202	197667	37.56	ng		99
79) Butylbenzylphthalate	20.88	149	79470	40.96	ng		99
80) Benzo(a)anthracene	21.86	228	165333	40.67	ng		99
81) 3,3'-Dichlorobenzidine	21.80	252	58906	35.66	ng		99
82) Chrysene	21.94	228	157856	41.13	ng		99
83) Bis(2-ethylhexyl)phthalate	21.75	149	111324	41.71	ng		100
84) Di-n-octyl phthalate	23.01	149	182870	42.64	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	183019	39.25	ng		97
87) Benzo(b)fluoranthene	24.17	252	155993	39.62	ng		98
88) Benzo(k)fluoranthene	24.25	252	156601	40.65	ng		98
89) Benzo(a)pyrene	25.10	252	148952	39.20	ng		96
90) Dibenzo(a,h)anthracene	29.19	278	156101	39.84	ng		98
91) Benzo(g,h,i)perylene	30.32	276	146476	38.63	ng		96

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

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