Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG021006.D
Acq On : 20 Feb 2016 13:16
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 21 22:52:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	22847	20.00	ng		0.00
21) Naphthalene-d8	11.09	136	125704	20.00	ng		-0.01
38) Acenaphthene-d10	14.87	164	77550	20.00	ng		-0.01
63) Phenanthrene-d10	17.61	188	159552	20.00	ng		0.00
75) Chrysene-d12	21.89	240	148280	20.00	ng		-0.02
86) Perylene-d12	25.26	264	140745	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	109847	80.97	ng		0.00
7) Phenol-d6	7.41	99	172148	86.82	ng		0.00
23) Nitrobenzene-d5	9.44	82	149350	78.12	ng		0.00
41) 2,4,6-Tribromophenol	16.36	330	67124	88.02	ng		0.00
44) 2-Fluorobiphenyl	13.50	172	443566	80.35	ng		-0.01
78) Terphenyl-d14	20.19	244	518269	81.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	18815	38.14	ng		96
3) Pyridine	4.04	79	58066	39.80	ng		99
4) n-Nitrosodimethylamine	3.95	42	14992	39.27	ng		94
6) Aniline	7.58	93	103085	41.69	ng		99
8) 2-Chlorophenol	7.82	128	72523	42.79	ng		97
9) Benzaldehyde	7.39	77	38006	38.27	ng		98
10) Phenol	7.43	94	89659	42.73	ng		98
11) bis(2-Chloroethyl)ether	7.67	93	67772	40.43	ng		96
12) 1,3-Dichlorobenzene	8.15	146	73140	40.82	ng		98
13) 1,4-Dichlorobenzene	8.30	146	74845	41.20	ng		99
14) 1,2-Dichlorobenzene	8.62	146	73430	41.55	ng		99
15) Benzyl Alcohol	8.50	79	52707	42.17	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.78	45	69699	39.87	ng		98
17) 2-Methylphenol	8.69	107	65450	43.29	ng		98
18) Hexachloroethane	9.35	117	26080	41.75	ng		98
19) n-Nitroso-di-n-propylamine	9.07	70	53671	41.95	ng		98
20) 3+4-Methylphenols	9.02	107	94609	44.91	ng		98
22) Acetophenone	9.09	105	119632	39.48	ng	#	98
24) Nitrobenzene	9.48	77	78293	39.29	ng		99
25) Isophorone	10.00	82	161412	40.06	ng		98
26) 2-Nitrophenol	10.19	139	46237	44.09	ng		96
27) 2,4-Dimethylphenol	10.24	122	81010	40.31	ng		97
28) bis(2-Chloroethoxy)methane	10.47	93	99211	39.95	ng		99
29) 2,4-Dichlorophenol	10.73	162	78530	43.60	ng		98
30) 1,2,4-Trichlorobenzene	10.94	180	74281	40.94	ng		97
31) Naphthalene	11.14	128	261398	40.20	ng		99
32) Benzoic acid	10.39	122	72351	44.88	ng		97
33) 4-Chloroaniline	11.24	127	118815	42.47	ng		99
34) Hexachlorobutadiene	11.41	225	37445	40.49	ng		100
35) Caprolactam	12.02	113	30718	44.51	ng		97
36) 4-Chloro-3-methylphenol	12.34	107	90479	43.84	ng		98
37) 2-Methylnaphthalene	12.72	142	193318	42.37	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	91837	40.37	ng		98
40) Hexachlorocyclopentadiene	13.06	237	32448	32.42	ng		94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	65417	42.81 ng	98
43) 2,4,5-Trichlorophenol	13.39	196	68223	42.46 ng	99
45) 1,1'-Biphenyl	13.71	154	273775	40.02 ng	99
46) 2-Chloronaphthalene	13.76	162	197206	40.26 ng	99
47) 2-Nitroaniline	13.96	65	47826	40.77 ng	96
48) Acenaphthylene	14.60	152	347345	40.78 ng	100
49) Dimethylphthalate	14.32	163	253394	41.79 ng	100
50) 2,6-Dinitrotoluene	14.45	165	55826	42.96 ng	96
51) Acenaphthene	14.94	154	214491	41.54 ng	98
52) 3-Nitroaniline	14.77	138	63899	42.32 ng	99
53) 2,4-Dinitrophenol	14.97	184	19982	40.87 ng	88
54) Dibenzofuran	15.27	168	281256	41.18 ng	100
55) 4-Nitrophenol	15.07	139	48207	42.27 ng	95
56) 2,4-Dinitrotoluene	15.22	165	74961	44.63 ng	97
57) Fluorene	15.91	166	260139	41.36 ng	100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	52062	42.52 ng	99
59) Diethylphthalate	15.67	149	260643	41.81 ng	99
60) 4-Chlorophenyl-phenylether	15.90	204	115945	41.50 ng	96
61) 4-Nitroaniline	15.93	138	63894	42.15 ng	98
62) Azobenzene	16.19	77	195427	39.87 ng	98
64) 4,6-Dinitro-2-methylphenol	15.99	198	32334	40.81 ng	99
65) n-Nitrosodiphenylamine	16.11	169	209268	40.60 ng	98
66) 4-Bromophenyl-phenylether	16.79	248	69417	41.20 ng	97
67) Hexachlorobenzene	16.91	284	74769	41.70 ng	97
68) Atrazine	17.05	200	62829	40.16 ng	100
69) Pentachlorophenol	17.25	266	42456	41.30 ng	97
70) Phenanthrene	17.65	178	368312	40.54 ng	99
71) Anthracene	17.74	178	368465	39.97 ng	100
72) Carbazole	18.01	167	329438	39.82 ng	99
73) Di-n-butylphthalate	18.55	149	427513	40.29 ng	100
74) Fluoranthene	19.64	202	394773	40.23 ng	98
76) Benzidine	19.82	184	173733	36.23 ng	98
77) Pyrene	20.00	202	398337	40.73 ng	99
79) Butylbenzylphthalate	20.87	149	191872	40.97 ng	100
80) Benzo(a)anthracene	21.87	228	358580	40.51 ng	99
81) 3,3'-Dichlorobenzidine	21.77	252	132874	40.44 ng	100
82) Chrysene	21.94	228	338914	40.71 ng	100
83) Bis(2-ethylhexyl)phthalate	21.75	149	282435	40.68 ng	99
84) Di-n-octyl phthalate	23.01	149	466944	40.97 ng	99
85) Indeno(1,2,3-cd)pyrene	29.14	276	402743	42.07 ng	99
87) Benzo(b)fluoranthene	24.19	252	357580	41.51 ng	98
88) Benzo(k)fluoranthene	24.26	252	339610	40.24 ng	99
89) Benzo(a)pyrene	25.10	252	336531	41.01 ng	98
90) Dibenzo(a,h)anthracene	29.19	278	325909	40.84 ng	100
91) Benzo(g,h,i)perylene	30.34	276	326572	41.22 ng	99

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

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