Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020988.D
Acq On : 20 Feb 2016 1:30
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 20 02:40:48 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	26366	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	134527	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	76887	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	151348	20.00	ng	-0.01
75) Chrysene-d12	21.89	240	145002	20.00	ng	-0.02
86) Perylene-d12	25.26	264	137759	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	123736	79.03	ng	-0.01
7) Phenol-d6	7.40	99	188013	82.16	ng	0.00
23) Nitrobenzene-d5	9.44	82	164014	80.16	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	63847	84.44	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	448220	81.89	ng	-0.01
78) Terphenyl-d14	20.19	244	508747	81.85	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	21361	37.52	ng	95
3) Pyridine	4.04	79	65998	39.19	ng	99
4) n-Nitrosodimethylamine	3.96	42	17507	39.74	ng	100
6) Aniline	7.58	93	113018	39.61	ng	99
8) 2-Chlorophenol	7.82	128	79266	40.53	ng	99
9) Benzaldehyde	7.39	77	43116	37.62	ng	96
10) Phenol	7.43	94	98206	40.55	ng	97
11) bis(2-Chloroethyl)ether	7.67	93	76896	39.76	ng	96
12) 1,3-Dichlorobenzene	8.15	146	83204	40.24	ng	98
13) 1,4-Dichlorobenzene	8.30	146	85612	40.83	ng	99
14) 1,2-Dichlorobenzene	8.62	146	82338	40.37	ng	97
15) Benzyl Alcohol	8.50	79	57113	39.59	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.78	45	77557	38.44	ng	100
17) 2-Methylphenol	8.70	107	70288	40.29	ng	99
18) Hexachloroethane	9.35	117	29143	40.43	ng	98
19) n-Nitroso-di-n-propylamine	9.07	70	58489	39.61	ng	97
20) 3+4-Methylphenols	9.03	107	98475	40.51	ng	97
22) Acetophenone	9.08	105	128339	39.58	ng	99
24) Nitrobenzene	9.48	77	85605	40.14	ng	99
25) Isophorone	10.00	82	169778	39.37	ng	98
26) 2-Nitrophenol	10.19	139	49666	44.25	ng	96
27) 2,4-Dimethylphenol	10.24	122	84724	39.39	ng	97
28) bis(2-Chloroethoxy)methane	10.48	93	106754	40.17	ng	100
29) 2,4-Dichlorophenol	10.72	162	81398	42.23	ng	97
30) 1,2,4-Trichlorobenzene	10.94	180	80499	41.46	ng	99
31) Naphthalene	11.14	128	280395	40.29	ng	98
32) Benzoic acid	10.38	122	69739	40.42	ng	97
33) 4-Chloroaniline	11.24	127	121311	40.52	ng	98
34) Hexachlorobutadiene	11.41	225	41227	41.66	ng	97
35) Caprolactam	12.02	113	29437	39.85	ng	98
36) 4-Chloro-3-methylphenol	12.34	107	88842	40.23	ng	98
37) 2-Methylnaphthalene	12.72	142	198034	40.56	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	93212	41.33	ng	99
40) Hexachlorocyclopentadiene	13.06	237	34804	35.08	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	64658	42.68	ng	99
43) 2,4,5-Trichlorophenol	13.39	196	66676	41.86	ng	97
45) 1,1'-Biphenyl	13.71	154	274334	40.44	ng	99
46) 2-Chloronaphthalene	13.76	162	197631	40.70	ng	99
47) 2-Nitroaniline	13.95	65	47018	40.43	ng	98
48) Acenaphthylene	14.60	152	345560	40.93	ng	99
49) Dimethylphthalate	14.32	163	246353	40.98	ng	99
50) 2,6-Dinitrotoluene	14.44	165	52783	40.97	ng	98
51) Acenaphthene	14.94	154	208928	40.81	ng	99
52) 3-Nitroaniline	14.78	138	60210	40.22	ng	96
53) 2,4-Dinitrophenol	14.98	184	20719	42.35	ng	90
54) Dibenzofuran	15.27	168	273722	40.42	ng	100
55) 4-Nitrophenol	15.07	139	47139	41.69	ng	98
56) 2,4-Dinitrotoluene	15.22	165	71489	42.93	ng	98
57) Fluorene	15.92	166	250006	40.09	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	50291	41.43	ng	98
59) Diethylphthalate	15.67	149	249676	40.40	ng	99
60) 4-Chlorophenyl-phenylether	15.90	204	113274	40.90	ng	97
61) 4-Nitroaniline	15.93	138	60965	40.57	ng	95
62) Azobenzene	16.19	77	189100	38.91	ng	99
64) 4,6-Dinitro-2-methylphenol	15.99	198	32145	42.51	ng	94
65) n-Nitrosodiphenylamine	16.11	169	202047	41.32	ng	98
66) 4-Bromophenyl-phenylether	16.79	248	66582	41.66	ng	100
67) Hexachlorobenzene	16.91	284	70556	41.48	ng	98
68) Atrazine	17.05	200	59796	40.30	ng	99
69) Pentachlorophenol	17.26	266	40945	41.99	ng	97
70) Phenanthrene	17.66	178	350462	40.67	ng	100
71) Anthracene	17.74	178	352998	40.36	ng	99
72) Carbazole	18.01	167	318156	40.54	ng	99
73) Di-n-butylphthalate	18.54	149	408228	40.56	ng	100
74) Fluoranthene	19.64	202	381356	40.97	ng	99
76) Benzidine	19.81	184	159177	33.95	ng	99
77) Pyrene	20.00	202	387259	40.49	ng	99
79) Butylbenzylphthalate	20.87	149	186858	40.81	ng	98
80) Benzo(a)anthracene	21.87	228	353025	40.78	ng	100
81) 3,3'-Dichlorobenzidine	21.77	252	129241	40.22	ng	100
82) Chrysene	21.94	228	328999	40.41	ng	99
83) Bis(2-ethylhexyl)phthalate	21.75	149	273334	40.26	ng	99
84) Di-n-octyl phthalate	23.01	149	453523	40.70	ng	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	387238	41.36	ng	97
87) Benzo(b)fluoranthene	24.18	252	341744	40.53	ng	99
88) Benzo(k)fluoranthene	24.26	252	337375	40.84	ng	99
89) Benzo(a)pyrene	25.10	252	326229	40.61	ng	99
90) Dibenzo(a,h)anthracene	29.20	278	315532	40.39	ng	98
91) Benzo(g,h,i)perylene	30.34	276	310073	39.99	ng	98

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

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