Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021658.D
Acq On : 14 Apr 2016 18:35
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Apr 15 00:53:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	30809	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	150791	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	93408	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	219462	20.00	ng		0.00
75) Chrysene-d12	21.83	240	253609	20.00	ng		0.00
86) Perylene-d12	25.16	264	249222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	153061	82.73	ng		0.00
7) Phenol-d6	7.36	99	231137	83.64	ng		0.00
23) Nitrobenzene-d5	9.38	82	235541	80.29	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	87170	86.59	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	504468	79.13	ng		0.00
78) Terphenyl-d14	20.14	244	800251	78.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	33036	40.11	ng		90
3) Pyridine	4.04	79	96126	38.90	ng		90
4) n-Nitrosodimethylamine	3.96	42	47288	38.61	ng	#	84
6) Aniline	7.54	93	149391	40.87	ng		92
8) 2-Chlorophenol	7.78	128	91621	41.31	ng		94
9) Benzaldehyde	7.35	77	61537	38.51	ng		92
10) Phenol	7.39	94	125781	42.32	ng		97
11) bis(2-Chloroethyl)ether	7.63	93	94560	39.75	ng		96
12) 1,3-Dichlorobenzene	8.11	146	99018	39.98	ng		97
13) 1,4-Dichlorobenzene	8.25	146	101504	40.25	ng		96
14) 1,2-Dichlorobenzene	8.57	146	97382	40.25	ng		96
15) Benzyl Alcohol	8.45	79	86942	41.17	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.74	45	198129	38.88	ng		97
17) 2-Methylphenol	8.64	107	87034	42.35	ng		91
18) Hexachloroethane	9.31	117	36891	40.20	ng	#	75
19) n-Nitroso-di-n-propylamine	9.02	70	85632	39.88	ng		96
20) 3+4-Methylphenols	8.97	107	120710	42.93	ng		98
22) Acetophenone	9.04	105	160170	38.14	ng	#	97
24) Nitrobenzene	9.43	77	124105	39.51	ng		96
25) Isophorone	9.95	82	235929	36.74	ng		98
26) 2-Nitrophenol	10.14	139	50290	41.93	ng		97
27) 2,4-Dimethylphenol	10.18	122	103157	37.87	ng		95
28) bis(2-Chloroethoxy)methane	10.42	93	126755	37.15	ng		90
29) 2,4-Dichlorophenol	10.67	162	95233	41.00	ng		98
30) 1,2,4-Trichlorobenzene	10.89	180	99508	39.84	ng		94
31) Naphthalene	11.08	128	313914	38.90	ng	#	96
32) Benzoic acid	10.31	122	75241	48.20	ng		99
33) 4-Chloroaniline	11.18	127	135872	38.89	ng		98
34) Hexachlorobutadiene	11.36	225	62481	38.79	ng		96
35) Caprolactam	11.96	113	38840	36.54	ng		95
36) 4-Chloro-3-methylphenol	12.28	107	119238	40.83	ng		98
37) 2-Methylnaphthalene	12.67	142	220021	39.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	118912	40.73	ng		99
40) Hexachlorocyclopentadiene	13.01	237	67255	41.47	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	81080	43.56	ng	96
43) 2,4,5-Trichlorophenol	13.33	196	86783	43.20	ng	97
45) 1,1'-Biphenyl	13.66	154	315844	40.13	ng	98
46) 2-Chloronaphthalene	13.71	162	235087	40.40	ng	98
47) 2-Nitroaniline	13.90	65	83959	42.08	ng	96
48) Acenaphthylene	14.55	152	389207	40.46	ng	99
49) Dimethylphthalate	14.27	163	310447	38.44	ng	99
50) 2,6-Dinitrotoluene	14.39	165	66988	43.50	ng	99
51) Acenaphthene	14.89	154	252798	41.11	ng	98
52) 3-Nitroaniline	14.72	138	72934	42.71	ng	98
53) 2,4-Dinitrophenol	14.92	184	25203	46.03	ng	94
54) Dibenzofuran	15.22	168	341265	40.64	ng	99
55) 4-Nitrophenol	15.01	139	63315	43.30	ng	92
56) 2,4-Dinitrotoluene	15.17	165	92616	44.50	ng	98
57) Fluorene	15.87	166	299168	39.89	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	72534	43.52	ng	98
59) Diethylphthalate	15.62	149	328992	39.03	ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	149280	40.41	ng	100
61) 4-Nitroaniline	15.88	138	78910	41.99	ng	99
62) Azobenzene	16.14	77	286528	39.66	ng	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	41747	45.94	ng	98
65) n-Nitrosodiphenylamine	16.07	169	262440	39.87	ng	97
66) 4-Bromophenyl-phenylether	16.75	248	95290	40.53	ng	97
67) Hexachlorobenzene	16.86	284	99550	40.11	ng	96
68) Atrazine	17.01	200	103464	39.81	ng	98
69) Pentachlorophenol	17.20	266	61388	43.32	ng	96
70) Phenanthrene	17.60	178	477915	39.51	ng	98
71) Anthracene	17.69	178	491720	40.05	ng	96
72) Carbazole	17.96	167	447881	39.08	ng	98
73) Di-n-butylphthalate	18.50	149	568748	39.01	ng	99
74) Fluoranthene	19.60	202	569188	39.41	ng	99
76) Benzidine	19.77	184	314243	39.80	ng	99
77) Pyrene	19.95	202	583541	39.90	ng	98
79) Butylbenzylphthalate	20.82	149	270834	39.90	ng	98
80) Benzo(a)anthracene	21.81	228	578386	39.63	ng	99
81) 3,3'-Dichlorobenzidine	21.72	252	454422	39.33	ng	99
82) Chrysene	21.88	228	548610	39.13	ng	99
83) Bis(2-ethylhexyl)phthalate	21.71	149	393477	39.63	ng	99
84) Di-n-octyl phthalate	22.96	149	668798	40.21	ng	99
85) Indeno(1,2,3-cd)pyrene	28.98	276	666343	39.97	ng	98
87) Benzo(b)fluoranthene	24.10	252	569075	39.35	ng	99
88) Benzo(k)fluoranthene	24.17	252	565258	39.97	ng	99
89) Benzo(a)pyrene	25.01	252	554685	39.59	ng	97
90) Dibenzo(a,h)anthracene	29.04	278	558427	39.75	ng	97
91) Benzo(g,h,i)perylene	30.16	276	551217	39.99	ng	98

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

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