Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021619.D
Acq On : 13 Apr 2016 13:31
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Apr 13 14:10:15 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 13:39:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	27099	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	130763	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	84393	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	198338	20.00	ng		0.00
75) Chrysene-d12	21.83	240	227880	20.00	ng		0.00
86) Perylene-d12	25.16	264	223502	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	168630	94.12	ng		0.00
7) Phenol-d6	7.36	99	256058	72.88	ng		0.00
23) Nitrobenzene-d5	9.39	82	261337	102.42	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	96385	76.11	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	574720	115.67	ng		0.00
78) Terphenyl-d14	20.15	244	903412	87.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.64	88	34351	49.72	ng	#	82
3) Pyridine	4.04	79	112840	39.83	ng		92
4) n-Nitrosodimethylamine	3.95	42	54461	43.16	ng	#	91
6) Aniline	7.54	93	167355	36.30	ng		96
8) 2-Chlorophenol	7.78	128	101770	42.65	ng		98
9) Benzaldehyde	7.36	77	66562	38.56	ng		88
10) Phenol	7.39	94	137800	35.81	ng		99
11) bis(2-Chloroethyl)ether	7.63	93	107624	41.31	ng		97
12) 1,3-Dichlorobenzene	8.11	146	111915	51.28	ng		93
13) 1,4-Dichlorobenzene	8.26	146	111939	48.21	ng		92
14) 1,2-Dichlorobenzene	8.58	146	108250	45.96	ng		99
15) Benzyl Alcohol	8.45	79	98905	31.69	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	233044	41.69	ng		97
17) 2-Methylphenol	8.65	107	95321	34.81	ng		93
18) Hexachloroethane	9.31	117	41639	53.25	ng	#	76
19) n-Nitroso-di-n-propylamine	9.02	70	100158	31.34	ng	#	98
20) 3+4-Methylphenols	8.98	107	134241	32.55	ng		96
22) Acetophenone	9.05	105	186910	48.72	ng	#	97
24) Nitrobenzene	9.43	77	139295	51.61	ng		97
25) Isophorone	9.95	82	286823	39.76	ng		99
26) 2-Nitrophenol	10.14	139	55055	56.77	ng		96
27) 2,4-Dimethylphenol	10.19	122	116627	43.59	ng		98
28) bis(2-Chloroethoxy)methane	10.43	93	148109	46.96	ng		92
29) 2,4-Dichlorophenol	10.67	162	104769	46.55	ng		95
30) 1,2,4-Trichlorobenzene	10.89	180	109651	55.25	ng		95
31) Naphthalene	11.09	128	354772	50.44	ng	#	94
32) Benzoic acid	10.31	122	73302	24.32	ng		96
33) 4-Chloroaniline	11.19	127	155446	37.71	ng		98
34) Hexachlorobutadiene	11.37	225	70683	64.09	ng		99
35) Caprolactam	11.96	113	50163	19.08	ng		92
36) 4-Chloro-3-methylphenol	12.29	107	133732	32.39	ng		100
37) 2-Methylnaphthalene	12.67	142	248910	42.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	131635	64.57	ng		98
40) Hexachlorocyclopentadiene	13.01	237	77085	89.61	ng		94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	86739	56.35 ng	98
43) 2,4,5-Trichlorophenol	13.33	196	95529	51.00 ng	98
45) 1,1'-Biphenyl	13.67	154	357526	57.09 ng	96
46) 2-Chloronaphthalene	13.71	162	263847	56.64 ng	99
47) 2-Nitroaniline	13.91	65	96151	44.05 ng	98
48) Acenaphthylene	14.55	152	443580	49.28 ng	99
49) Dimethylphthalate	14.28	163	373061	39.92 ng	99
50) 2,6-Dinitrotoluene	14.40	165	75288	44.56 ng	93
51) Acenaphthene	14.89	154	281733	48.30 ng	99
52) 3-Nitroaniline	14.72	138	82820	35.81 ng	100
53) 2,4-Dinitrophenol	14.92	184	25299	36.48 ng	93
54) Dibenzofuran	15.22	168	384094	45.26 ng	98
55) 4-Nitrophenol	15.01	139	71269	28.83 ng	97
56) 2,4-Dinitrotoluene	15.18	165	104248	38.38 ng	99
57) Fluorene	15.87	166	344698	41.43 ng	99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	79433	40.06 ng	96
59) Diethylphthalate	15.63	149	384834	34.10 ng	97
60) 4-Chlorophenyl-phenylether	15.86	204	170697	44.67 ng	99
61) 4-Nitroaniline	15.88	138	88834	27.72 ng	97
62) Azobenzene	16.15	77	334220	39.74 ng	99
64) 4,6-Dinitro-2-methylphenol	15.93	198	41368	54.58 ng	99
65) n-Nitrosodiphenylamine	16.07	169	302668	58.10 ng	96
66) 4-Bromophenyl-phenylether	16.75	248	110805	60.93 ng	95
67) Hexachlorobenzene	16.87	284	114582	61.00 ng	95
68) Atrazine	17.01	200	120613	39.85 ng	99
69) Pentachlorophenol	17.20	266	69597	54.97 ng	97
70) Phenanthrene	17.60	178	551338	49.11 ng	98
71) Anthracene	17.70	178	555893	47.91 ng	97
72) Carbazole	17.96	167	511460	39.84 ng	98
73) Di-n-butylphthalate	18.51	149	659036	36.50 ng	98
74) Fluoranthene	19.59	202	643044	36.46 ng	98
76) Benzidine	19.77	184	351168	51.39 ng	99
77) Pyrene	19.96	202	654130	45.43 ng	99
79) Butylbenzylphthalate	20.83	149	311735	51.92 ng	99
80) Benzo(a)anthracene	21.82	228	657816	49.48 ng	97
81) 3,3'-Dichlorobenzidine	21.73	252	528435	58.18 ng	99
82) Chrysene	21.89	228	631452	49.99 ng	98
83) Bis(2-ethylhexyl)phthalate	21.72	149	454183	57.77 ng	100
84) Di-n-octyl phthalate	22.97	149	769059	59.14 ng	100
85) Indeno(1,2,3-cd)pyrene	28.99	276	778915	60.00 ng	99
87) Benzo(b)fluoranthene	24.11	252	662321	50.37 ng	99
88) Benzo(k)fluoranthene	24.18	252	651016	49.57 ng	99
89) Benzo(a)pyrene	25.01	252	643107	50.73 ng	99
90) Dibenzo(a,h)anthracene	29.06	278	649581	52.09 ng	98
91) Benzo(g,h,i)perylene	30.19	276	640212	51.60 ng	98

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

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